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Who We Are.

This catalog lists the products available from USDA's economics agencies. **Economic Research Service** (ERS) situation and outlook reports and periodicals analyze the current situation and forecast market conditions. ERS monographs offer economic analysis in the areas of trade, production, rural development, farm inputs, and other topics. **National Agricultural Statistics Service** (NASS) reports estimate production, stocks, inventories, disposition, utilization, and prices of agricultural commodities, and such other items as labor and farm numbers. **The World Agricultural Outlook Board** (WAOB) issues regular forecasts of U.S. and world supply and demand prospects for major agricultural commodities.

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A Word About NASS Reports...

The Agricultural Statistics Board (ASB) estimates production, stocks, inventories, disposition, utilization, and prices of agricultural inputs and commodities, and such other items as labor, farm numbers, and agricultural chemical usage. See the index beginning on page 73 for a listing of all of the estimates and the dates they are available.

National reports are issued from the Washington, D.C., headquarters at 3 p.m. ET, unless otherwise noted. Individual State reports are issued from the State Statistical Offices (SSO's) following release of the national estimates. Printed copies of both ASB and SSO reports are available for a fee. To subscribe to national reports, use the order form in this publication. State reports may be obtained from the appropriate SSO listed on pages 71-72.

NASS reports are available electronically immediately after release via the U.S. Department of Agriculture's Computerized Information Delivery Service (CIDS). Included on the system are most NASS national reports, selected reports from NASS SSO's, plus reports loaded by other Government agencies. NASS reports generally remain on this system for no more than two weeks. For more information on CIDS, call 301-306-8911.

NASS has developed a directory system called NASS INFO to provide an easy and consolidated way for obtaining information about NASS. The system provides information on NASS organization, reports, and information contacts through a series of menus. The system, designed for use with a personal computer, also prints forms for ordering reports. The NASS INFO diskette is available to the general public free upon request by contacting the NASS Publication Office at (202) 720-4020.

NASS Revision Policy

Most estimates are subject to revision, if necessary, when the next estimate is prepared. Revisions are made to provide data users with the best possible data for evaluating the current estimates. Revisions are based on additional data, such as new surveys, late reports, corrected data, or more complete administrative data. Revisions may also be based on a re-evaluation of previous survey data when making current estimates to improve survey to survey relationships.

When the Census of Agriculture, conducted by the Department of Commerce, becomes available every 5 years, all estimates made during these 5 years are reviewed for possible revisions.

Contents

Page number	Page number
ERS-NASS Electronic Information	4
ERS AutoFAX	5
Of Special Interest	6
Banking and Farm Credit	7
Country and Regional Topics	8
Africa and Middle East	8
Asia and Pacific Rim	9
China	9
Japan	10
Southeast Asia	10
Europe	10
Eastern and Western Europe	10
Former USSR	11
Latin America	13
Mexico	13
South America	13
Western Hemisphere	13
Canada	14
Farm Policy	15
Farm Programs	16
Futures and Options	16
Marketing Orders	16
Farm Sector Economics	17
Agricultural Prices	17
Costs of Production	18
Farm Financial Conditions	18
Farm Income	20
Farm Numbers	21
State Data	21
Structure of Farming	21
Farmworkers and Farm Employment	23
Farm Employment	23
Farmworkers	24
Field Crops	25
Corn	29
Cotton	29
Peanuts	30
Rice	30
Sorghum	31
Soybeans and Oil Crops	31
Wheat	32
Food	33
Advertising	33
Consumption	33
Costs	34
Marketing	34
Safety	35
Spending	35
Assistance Programs	35
Inputs and Technology	36
Biotechnology	37
Ethanol	37
Farm Machinery	38
Fertilizer and Pesticides	38
Weather and Climate	40
Land, Water, Conservation	41
Conservation	41
Conservation Reserve Program	41
Farmland Prices/Farm Real Estate	42
Foreign Landownership	42
Irrigation and Water Use	43
Land Ownership and Tenure	44
Land Use	44
Water Quality and Use	45
Livestock, Dairy & Poultry	46
Cattle	47
Dairy	48
Hogs	49
Poultry and Eggs	49
Sheep	50
Rural America	51
Rural Development	51
Rural Income and Employment	52
Specialty Agriculture	54
Aquaculture	54
Fruit and Nuts	54
Honey	56
Industrial Crop Uses	56
Nursery, Greenhouse, Horticulture	56
Potatoes	57
Sugar and Sweeteners	57
Tobacco	58
Vegetables and Melons	58
Trade Issues	61
Food Aid	63
GATT Reports	63
Global Commodity Reports	64
NAFTA	64
SWOPSIM	65
Subsidy Equivalents	65
Wheat Trade	65
U.S. Agricultural Trade	66
Other Topics	67
Data Sharing	69
Packaged Periodical Sets	69
ERS Video Tapes	70
NASS Contacts Names and Phone Numbers	71
Index of Estimates	73

ERS-NASS Electronic Information

ERS and NASS on the World Wide Web

ERS and NASS have home pages on the World Wide Web that provide easy access to the wide range of information and data produced by both agencies.

NASS URL--<http://www.usda.gov/nass/>

or

ERS URL--<http://www.econ.ag.gov/>

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ERS-NASS data products and selected periodicals are available on the worldwide Internet. Through a cooperative project with Cornell University, the Albert R. Mann Library distributes **ERS**, **NASS**, and **WAOB** periodicals and data through a Gopher server and anonymous FTP. If you're an Internet user, over 400 reports annually and over 7,500 data files are available free of charge.

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For assistance with Call-ERS/NASS, call 202-219-0758 or e-mail pkorb@econ.ag.gov.

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All NASS reports, ERS situation and outlook reports, and WAOB's *World Agricultural Supply and Demand Estimates* are also available immediately upon release through the USDA Computerized Information Delivery System (CIDS). For more information about this service, please call 301-306-8911.

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ERS AutoFAX

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11502	Red Meat Supply and Utilization
11503	Poultry and Total Meat Supply and Utilization
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11511	Hog Outlook (supplement)
11512	Cattle and Sheep Outlook (supplement)
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11514	Dairy Outlook (supplement)
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11516	Aquaculture Outlook
12000	DIRECTORY: Feed Grains
12002	Feed Outlook, Text and Tables, monthly
12020	Monthly Prices Received by Farmers
12100	Subdirectory: Wheat
12105	Wheat Outlook
12200	Subdirectory: Cotton and Wool
12220	Cotton and Wool Outlook
12300	Subdirectory: Oil Crops
12302	Oil Crops Outlook
12303	Peanut Update
12304	Cottonseed Update
12400	Subdirectory: Rice
12461	Rice Outlook
12500	Subdirectory: Vegetables and Melons
12600	Subdirectory: Sugar and Sweeteners
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20101	Agricultural Land Values (AREI update)
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44010	Farm Income, Cash Receipts, Net Farm Income
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ERS-NASS Products and Services

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Agricultural Statistics, 1994.

CD-ROM disc. Stock # ZAG-95CD. \$20.00. *Agricultural Statistics* is published each year to meet the diverse need for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. The historical series generally has data beginning with 1984. The file on this CD-ROM is an Adobe Acrobat PDF (Portable Document Format) file. Software is included to facilitate viewing, searching, and printing. George Patton, NASS, 202-720-9579. 11/95.

Agricultural Statistics.

Annual report. April 1996. *Stock # ZAG-96. \$20.00.* A comprehensive statistical report (approximately 600 pages) containing current and historical agricultural data, revised annually. Statistics cover grain and feed; cotton, tobacco, sugar crops, and honey; oilseeds, fats, and oils, vegetables and melons; fruits, tree nuts, and horticultural specialties; hay, seeds and minor field crops; cattle, hogs, and sheep; dairy and poultry statistics; farm resources, income, and expenses; taxes, insurance, credit and cooperatives; stabilization and price-support programs; consumption; fertilizers and pesticides; and more. An invaluable resource.

A History of American Agriculture, 1776-1990.

Poster. 1994. *Stock # POST-11. \$20.00.* An entertaining, informative summary of the highlights of agriculture in

America. This 50" x 45" wall chart in full color explodes with photographs, drawings, maps, and charts that depict significant events in the history of American agriculture. The time-line wall chart provides a decade-by-decade account of the economic and social trends, technologies, legislation, movements, and efforts that shaped U.S. agriculture from pre-Colonial times to the present.

Issues for the 1990s.

Special report. 160 pp. September 1994. *Stock # AIB-664. \$24.50.* ERS has prepared a series of 2-page issue factsheets which streamline research topics, graphically present the latest USDA data and analyses, and target the most important agricultural issues you'll face in this decade. The factsheets cover issues in trade, conservation, commodity programs, marketing, food and nutrition, rural economy, environment, and technology.

Agricultural Resources and Environmental Indicators.

Research report. February 1995. 212 pp. *Stock # AH-705. \$18.00.* This ERS basebook contains a wealth of information covering a broad range of subjects in resource and environmental economics. Topics include land use, quality, and ownership; farm real estate values; water use and quality; fertilizer, pesticides, energy, and farm machinery; technology; and the conservation reserve, compliance, wetlands, and non-USDA programs that affect agriculture.

Banking and Farm Credit

Farm Credit and Financial Markets, Jerry Stam (JSTAM), 202-219-0722
 Robert Collender (RNC), 202-501-6746
 Pat Sullivan (SULLIVAN), 202-219-0721

Agricultural and Nonagricultural Banking Statistics, 1980-91. *Statistical bulletin.* 62 pp. June 1994. Stock # SB-883.

\$12.00. Operating statistics for 1980-91 illustrate important differences between agricultural and nonagricultural banks. Agricultural banks, with a higher proportion of agricultural loans, were more profitable overall, while having more securities and fewer loans.

Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1987-89. *Statistical bulletin.* 145 pp. March 1991. Stock # SB-823. **\$15.00.** Presents and analyzes weighted and unweighted mean operating statistics for nonmetro, metro, and all U.S. banks for 1987-89.

Deregulation and Structure of Rural Financial Markets. *Research report.* 50 pp. February 1990. Stock # RDRR-75. **\$9.00.** Examines the structure of rural bank markets, determines how this structure changed during the 1980's, and discusses probable scenarios for the future of the rural banking system.

Prospective Rural Effects of Bank Deregulation. *Research report.* 56 pp. March 1990. Stock # RDRR-76. **\$12.00.** Focuses on rural implications of the expansion of commercial banks into investment banking and addresses provisions in the legislation.

Rural Conditions and Trends Special Report: Financial Institutions and Markets. *Research report.* 29 pp. Spring 1991. Stock # RCAT, Supplement-1. **\$9.00.** A look at the health of the financial institutions serving rural America.

Farm Credit System Bank and Association Operating Statistics, 1986-91. *Statistical bulletin.* 75 pp. May 1994. Stock # SB-882. **\$12.00.** Describes operating statistics for and structural changes in the Farm Credit System (FCS) banks and associations for 1986-91, including statistics on FCS district loan portfolios.

Recent Developments at the Farm Credit System. *Research report.* 16 pp. September 1989. Stock # AIB-572. **\$7.50.** Outlines the financial position of the FCS and a number of factors likely to contribute to, or impede, its recuperation.

An Examination of Federal Reserve Behavior: An Applied Reaction Function Approach. *Staff report.* 36 pp. April 1990. Stock # AGES 9029. **\$9.00.**

Modeling Long-Term Government Bond Yields: An Efficient Market Approach. *Staff report.* 13 pp. March 1992. Stock # AGES 9207. **\$7.50.**

An Analysis of Financial Performance of Federal Land Banks, Federal Intermediate Credit Banks, Farm Credit Banks, and Related Associations, 1986-89. *Staff report.* 24 pp. April 1991. Stock # AGES 9117. **\$9.00.**

Profit Efficiency of Farm Credit System Associations. *Staff report.* 15 pp. November 1991. Stock # AGES 9155. **\$7.50.**

An Analysis of the Recent Surge in Consumer Debt in Rural Areas. *Staff report.* 40 pp. April 1990. Stock # AGES 9030. **\$9.00.**

Bank Operating Statistics. 3.5" disk. Stock # 94014. **\$25.00.** U.S. data on characteristics of agricultural and nonagricultural banks, 1980-91, including measures of profitability, liquidity, solvency, and efficiency. Also includes State data on return on assets for agricultural and nonagricultural banks. George Wallace, ERS, 202-501-6751. (.WK1 files), 5/94.

Farm Credit System Operating Statistics. Two 3.5" disks. Stock # 94011. **\$35.00.** Annual data, 1986-91, by Farm Credit System (FCS) association, on mean and weighted mean asset and liability items and income and expense items. Also includes selected lending statistics, 1986-91. Robert Collender, ERS, 202-501-6746. (.WK1 files), 3/94.

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Country and Regional Topics

Foreign Economic Conditions, Tim Baxter (TBAXTER), 202-219-0635
 International Markets and Competition, Mathew Shane (MSHANE),
 202-501-8514
 Trade Policies, Stephanie Mercier (SMERCIER), 202-501-8515

International Agriculture and Trade Situation and Outlook Reports. *Subscription.* 4 issues. Stock # WRS. \$20.00. Drawing on original foreign source materials, each report in this series explains how basic forces are changing agriculture and agricultural trade. Anticipates short- and long-term production, consumption, and trade of the region's key commodities. The 4-report series for 1996 covers China, Europe, former USSR, and NAFTA.

World Population and Projections to 2050. 3.5" disk. Stock # 95010. \$25.00. Annual population and growth rate for 227 countries and autonomous geographic units, 20 economic and geographic regions, and the world. Data include population series for republics of former Czechoslovakia, Soviet Union, Yugoslavia, and Eritrea. The data source is the International Data Base of the Bureau of the Census, U.S. Department of Commerce. For some small countries and islands, projected annual populations and population growth rates are estimates. Ray Nightingale, 202-501-8519. 8/95.

World Agriculture: Trends and Indicators. 3.5" disks. Annual data for 160 countries, 1961-89 on macroeconomics; consumption; factors of production; aggregate production (value and indexes); crop production, area, and yield and livestock production by commodity; value of total merchandise and agricultural trade (including U.S. bilateral trade), and trade indicators; and value of ag trade by commodity groups. Ray Nightingale, ERS, 202-501-8519. (.WK1), updated 1/94.

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Producer and Consumer Subsidy Equivalents. 3.5" disk. Stock # 90009. \$25.00. Estimates of government intervention in agriculture for 27 countries and the European Community, 1982-87. Includes estimates for more than 40 commodities and products. Carl Mabbs-Zeno, ERS, 202-219-0680. 4/90.

Africa and Middle East

North Africa and Middle East, Mike Kurtzig (MKURTZIG), 202-219-0636
 Sub-Saharan Africa, Margaret Missiaen (MISSIAEN), 202-219-0652

Africa and Middle East International Agriculture and Trade Situation and Outlook. 68 pp. July 1994. Stock # WRS-94-3. \$9.00. This review examines trade, production, productivity, fertilizer consumption, land tenure, environmental problems, food consumption, population, and other topics for Africa and the Middle East.

Agricultural Policy Reform: Issues and Implications for Africa. *Research report.* 135 pp. September 1993. Stock # FAER-250. \$15.00. Examines the pattern of government intervention of nine African nations during 1982-89: Egypt, Kenya, Morocco, Nigeria, Senegal, South Africa, Tanzania, Zambia, and Zimbabwe.

Strategies for Food Security and Structural Adjustment in Sub-Saharan Africa. *Research report.* 12 pp. June 1992. Stock # AIB-651. \$7.50. Case studies of Kenya, Tanzania, and Zimbabwe represent the common dilemma: how to adhere to long-term economic reform while protecting vulnerable consumer groups from market inefficiencies and price shocks.

Dairy Imports in Sub-Saharan Africa and the Welfare Implications of Import Policies. *Staff report.* 69 pp. August 1991. Stock # AGES 9142. \$12.00.

Technology and Agricultural Productivity in the Sahel. *Research report.* 27 pp. October 1989. Stock # AER-612. \$9.00. Focuses on factors that have slowed technology transfer in the Sahel and identifies conditions necessary for transfer to occur more rapidly.

Export Performance in Africa. *Staff report.* 40 pp. May 1989. Stock # AGES 8916. \$9.00.

Consumption Stability and the Potential Role of Food Aid in Africa. *Staff report.* 15 pp. June 1989. Stock # AGES 8929. \$7.50.

Soil and Water Management in West Africa: An Economic Analysis. *Staff report.* 10 pp. September 1989. Stock # AGES 8935. \$7.50.

Economic Performance and Policy Adjustment: The Experience of Zimbabwe. *Staff report.* 48 pp. May 1991. Stock # AGES 9127. \$9.00.

Asia and Pacific Rim

Asia, William Coyle (WCOYLE), 202-501-8136
 China, Francis Tuan (FTUAN) 202-219-0471
 East Asia, John Dyck (JDYCK), 202-219-0698
 South and Southeast Asia, Gary Vocke (GVOCKE), 202-501-5575

Asia and Pacific Rim Situation and Outlook. January 1995. Stock # WRS-94-6. \$9.00. A review of macroeconomic conditions, agriculture's role, and regional issues affecting the Asian and Pacific Rim area.

Agricultural Trade Between Asia/Near East Countries and the United States, 1962-86. Statistical bulletin. 139 pp. January 1989. Stock # SB-774. \$15.00. Quantifies the bilateral trade between 21 Asian and Near East countries and the United States for 1962-86.

U.S. Agricultural Trade with the Developed Pacific Rim, 1968-88. Staff report. 80 pp. May 1990. Stock # AGES 9035. \$12.00.

Asia and Pacific Rim Situation and Outlook. 3.5" disks. Selected data, 1990-92, on agricultural production, prices, and trade for the countries of East Asia and the Pacific Rim. Michael Lopez, ERS, 202-219-0683. 12/93.

Stock # 94007A Quattro Pro (three disks)	\$45.00
Stock # 94007B Lotus 1-2-3 (one disk)	\$25.00

Asia/Near East Agricultural Trade. 3.5" disks. Stock # 89012. \$25.00. Tabulations of agricultural trade between the United States and selected Asian and Near East countries and regions, 1962-86. Includes data for 12 major commodity groups and significant elements of each group. Ed Overton, ERS, 202-219-0686. (.WK1), 2/89.

U.S./Pacific Rim Agricultural Trade. 3.5" disk. Stock # 90007. \$45.00. NOTE: Limited supplies; please call before ordering. Annual data, 1968-90, for U.S. agricultural exports to and imports from Japan, Taiwan, South Korea, Hong Kong, New Zealand, Australia, and Canada. Covers quantity and value for trade in major commodity groups and subgroups. Fiscal year and calendar year data are included. Wilma Davis, ERS, 202-219-0608. (.WK1), 3/92.

Government Intervention in Pakistan's Cotton Sector. Staff report. 53 pp. June 1990. Stock # AGES 9041. \$9.00.

Government Intervention in Pakistan's Agricultural Economy. Staff report. 28 pp. April 1990. Stock # AGES 9027. \$9.00.

China

China, Francis Tuan (FTUAN), 202-219-0471

China International Agriculture and Trade Situation and Outlook. 30 pp. June 1995. Stock # WRS-95-3. \$9.00. Topics covered include China's macroeconomy; agricultural growth; government investment in the agricultural sectors' changes in agricultural marketing policies; trade between China and the United States; markets for grains, oilseeds, cotton, sugar, and livestock products.

Agricultural Statistics of the People's Republic of China, 1949-90. Statistical bulletin. 316 pp. December 1992. Stock # SB-844. \$15.00. NOTE: Limited supplies; please call to verify availability. This report contains 285 tables of agricultural statistics for China, covering land use, population, labor force, gross value of agricultural output, agricultural investment, crop production, crop sown area, state procurement, livestock inventory and slaughter, animal product output, input production and use, costs of production, and consumption.

China's Interprovincial Grain Marketing and Import Demand. Staff report. 51 pp. September 1990. Stock # AGES 9059. \$9.00.

China: Basic Social and Economic Indicators. 3.5" disk. Stock # 90010. \$25.00. Population, labor force, land use, and national income statistics by region and province, 1979-91. W. Hunter Colby, ERS, 202-219-0616. (.WK1), 5/95.

China: Grain Statistics. 3.5" disk. Stock # 90011. \$25.00. A comprehensive database of national, regional, and provincial statistics covering wheat, rice, and coarse grain area, production, and procurement. National data are reported for 1949-90 and most regional and provincial data cover 1949-93. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

China: Fibers and Oilseeds Statistics. 3.5" disk. Stock # 90012. \$25.00. Area, yield, and production data, 1949-93, by region and province for principal fiber and oilseed crops. Estimates of textile fiber, yarn, and cloth production and total edible vegetable oil production are included. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

China: Miscellaneous Crop Statistics. 3.5" disk. Stock # 90013. \$25.00. Area, yield, and production data, 1949-93, by region and province for tobacco, sugar beets, sugarcane, and major fruits. Includes estimates of area planted to forage and green manure crops. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

China: Livestock Statistics. 3.5" disk. Stock # 90014. \$25.00. Comprehensive data on Chinese animal agriculture including production of red meats, milk, eggs, poultry meats, and honey by region and province, 1949-93. Also includes inventory data on cattle, hogs, sheep, goats, and draft animals. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

China: Agricultural Inputs and Infrastructure. 3.5" disk. Stock # 90015. \$25.00. National statistics on energy, labor, farm machinery, tractors, and fertilizer use, 1949-92, by region and province, 1980-91. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

China: Agricultural Prices. 3.5" disk. Stock # 90016. \$25.00. Grain and oilseed procurement prices and grades by province, 1986-91; retail list price indexes, 1951-92; and open market indexes by commodity, 1982-92. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

Country and Regional Topics

China: Cost of Agricultural Production. 3.5" disk. Stock # 90017. \$25.00. Cost of production for corn, cotton, peanuts, rice, rapeseed, soybeans, and wheat, by province, 1984-90. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/92.

China: International Agricultural Trade. 3.5" disk. Stock # 90019. \$25.00. Annual data, 1950-93, on imports and exports of agricultural products and imports of agricultural inputs. Includes quarterly data, 1983-93, on major agricultural imports and exports in both quantity and value terms. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

China: Income, Consumption, and Expenditure Statistics. 3.5" disk. Stock # 90021. \$25.00. Household and per capita expenditures for food, fabrics, alcohol and tobacco, and selected consumer goods, 1980-92. Includes national and provincial data. W. Hunter Colby, ERS, 202-219-0669. (.WK1), 5/95.

China data products package. Stock # 93PK01. \$70.00. Includes all the following China data products, for the single low price of \$70: # 90010, 90011, 90012, 90013, 90014, 90015, 90016, 90017, 90019, and 90021.

Japan

Japan, John Dyck, 202-219-0698

The Basic Mechanisms of Japanese Farm Policy. Research report. 40 pp. February 1990. Stock # MP-1478. \$9.00. Illustrates the workings of Japanese farm policy, looking at rice price support and beef import restrictions.

The Japanese Presence in U.S. Agribusiness. Research report. 42 pp. June 1992. Stock # FAER-244. \$9.00. This report puts Japanese involvement in perspective and evaluates the influence of this recent phenomenon on the U.S. economy.

Southeast Asia

Competition in East Asia's Agricultural Import Market. Staff report. 37 pp. May 1990. Stock # AGES 9040. \$9.00.

Thailand's Feed and Livestock Industry to the Year 2000. Research report. 84 pp. March 1990. Stock # FAER-242. \$12.00. Projects rice and poultry exports to the year 2000 under three scenarios of per capita income growth.

Reducing Support Using Aggregate Measures, Case Study: Thailand. Staff report. 24 pp. July 1989. Stock # AGES 8930. \$9.00.

Europe

Central and Eastern Europe, Nancy Cochrane (COCHRANE), 202-219-0650
Europe, Robert Koopman (BKOOPMAN), 202-219-0626
Western Europe, Mary Ann Normile (MNORMILE), 202-219-0774
Mary Lisa Madell (MMADELL), 202-219-0791

Europe International Agriculture and Trade Situation and Outlook. July 1995. Stock # WRS-95-S1. \$9.00. This report focuses on short- and long-term produc-

tion, consumption, and trade of key commodities including grains and livestock, examines factors affecting the future development of trade, and analyzes recent changes in European agricultural policies.

Europe International Agriculture and Trade Situation and Outlook. 107 pp. September 1994. Stock # WRS-94-5. \$9.00. Topics covered include Europe's macroeconomy and the agricultural economy; farm income; trade with the U.S.; markets for grains; oilseeds; sugar, beef, veal, poultry, pork, eggs, and dairy; implications of the GATT agreement for the EU; future prospects for Central and East European agriculture; and outlook for industrial use of arable crops.

Eastern and Western Europe

The EU Nitrate Directive and CAP Reform: Effects on Agricultural Production, Trade, and Residual Soil Nitrogen. Research report. 27 pp. January 1995. Stock # FAER-255. \$9.00. This report presents the results of a study that compared the two policies that could reduce nitrates—The Nitrate Directive and the MacSharry proposal for reform of the Common Agricultural Policy (CAP) with a hypothetical fertilizer tax.

Central and Eastern European Land Tenure Patterns: A Brief Historical Overview. Research report. 22 pp. September 1994. Stock # FAER-254. \$9.00. Reviews the history of land tenure patterns in Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, and former Yugoslavia.

Agricultural Policies and Performance in Central and Eastern Europe, 1989-92. Research report. 72 pp. February 1993. Stock # FAER-247. \$12.00. Finds that changes in central and eastern European agriculture in the past 3 years have meant post-reform surpluses rather than the usual tight supplies or outright shortages, but also poor farm financial performance under new terms of trade, unresolved land and asset ownership issues, and depressed demand.

The European Community's Presence in U.S. Agribusiness. Research report. 29 pp. September 1992. Stock # FAER-245. \$9.00. Puts into perspective the size and extent of EC investments in U.S. agriculture during the 1980's. West European countries, especially the United Kingdom, are the principal sources of foreign investment in U.S. agricultural land and agribusinesses.

Agricultural Outlook Special Reprint: Agriculture in the New Central Europe. Staff report. 23 pp. February 1992. Stock # AGES 9205. \$9.00.

Trade Liberalization in Yugoslavia and Poland. Staff report. 48 pp. August 1990. Stock # AGES 9058. \$9.00.

Agricultural Performance in Eastern Europe, 1988. Staff report. 27 pp. August 1989. Stock # AGES 8938. \$9.00.

Agriculture and the Environment in the European Union. *Research report.* 14 pp. October 1994. Stock # AIB-708. \$9.00. Examines some of the agriculture-related environmental problems confronting the European Union. Also describes the recent trends of agrichemical use in the EU and regional similarities and differences in environmental concern.

CAP Reform: A New Era for EC Agriculture. *Research report.* 12 pp. June 1993. Stock # AIB-674. \$6.00. Finds that the European Community's reform of its Common Agricultural Policy will alter EC production, consumption, and trade of most major commodities beginning in the 1993/94 marketing year.

The Basic Mechanisms of European Community (EC) Farm Policy. *Research report.* 28 pp. August 1990. Stock # MP-1485. \$9.00. Illustrates the effects of target, intervention, and threshold prices, plus levies and refunds.

Agricultural Statistics of the European Community, 1960-85. *Statistical bulletin.* 123 pp. January 1989. Stock # SB-770. \$15.00. Presents a comprehensive database on the agricultural sector of the European Community.

Potential Effects of Policy Reform on the European Community Sugar Market and World Sugar Prices. *Staff report.* 24 pp. August 1991. Stock # AGES 9129. \$9.00.

EC 1992: Implications for World Food and Agricultural Trade: Proceedings. *Staff report.* 300 pp. October 1991. Stock # AGES 9133. \$15.00.

High-Value Products: Growing U.S. and EC Competition in World Markets. *Staff report.* 34 pp. April 1990. Stock # AGES 9022. \$9.00.

The Effects of the Common Agricultural Policy on the European Community Wheat-Washing Industry and Grain Trade. *Staff report.* 26 pp. April 1990. Stock # AGES 9023. \$9.00.

Estimation and Evaluation of European Economic Community Wheat Export Subsidies. *Staff report.* 33 pp. November 1989. Stock # AGES 8955. \$9.00.

Agriculture and Trade: Europe. 3.5" disk. Stock # 94001. \$25.00. Includes macroeconomic data on Western Europe (1980-92), budget and price data, and time-series data (1989-93) on supply and utilization of agricultural commodities for the EC-12 and the European Free Trade Association. Elizabeth Jones, ERS, 202-219-0619 (.WK1), 10/93.

East European Agriculture. 3.5" disk. Stock # 89009. \$25.00. Data on area and production of major crops, livestock inventories, production of livestock products, and agricultural trade for seven East European countries. Most series are for 1971-87. Nancy Cochrane, ERS, 202-219-0650. (.WK1), 7/90.

Agricultural Statistics of the European Community, 1960-85. 3.5" disk. Stock # 89010. \$25.00. Extensive time series data on EC macroeconomics and agricultural policy, crop and livestock supply and utilization, input prices, and producer, wholesale, and retail prices. (.WK1), 1/89.

Agricultural Statistics of Eastern Europe and the Soviet Union. Two 3.5" disks. Stock # 89020. \$35.00. Annual data for the Soviet Union and seven East European countries, 1965-85, on land use, agricultural inputs, crop production, livestock production, and per capita consumption of selected foods. Nancy Cochrane, ERS, 202-219-0650. (.WK1), 6/89.

Former USSR

Christian Foster (CFOSTER), 202-219-0625

Former USSR International Agriculture and Trade Situation and Outlook. May 1995. Stock # WRS-95-1. \$9.00. Topics covered include the former USSR's macroeconomic performance, the relationship between macro developments and agriculture, progress in agricultural reform, input demand and use, trade policy (general as well as agricultural), U.S. agricultural exports, the changing structure of agricultural imports (declining bulk and growing high-value products), and prospects for countries' membership in the World Trade Organization. The report also examines the year of 1994, and prospects for 1995, for grain, livestock products, oilseeds, sugar, and cotton. For each commodity group, data are presented through 1994, for area and yield (for crops), production, consumption, and trade.

Former USSR International Agriculture and Trade Situation and Outlook. 95 pp. May 1994. Stock # WRS-94-1. \$9.00. Topics covered include the former USSR's macroeconomic performance, progress in agricultural reform, demand for purchased inputs, trade, agricultural assistance, U.S. exports, grain imports, and the livestock, feed, sugar, and cotton markets.

Agricultural Statistics of the Former USSR Republics and the Baltic States. *Statistical bulletin.* 239 pp. September 1993. Stock # SB-863. \$15.00. This bulletin's 259 tables cover land use, farm structure, population and labor force, inventories, deliveries and scrapping rates of farm machinery, availability and use of mineral fertilizers, per capita annual consumption of selected food products, and area, yield, production, and procurement of selected crops.

USSR Agricultural Trade. *Statistical bulletin.* 110 pp. August 1991. Stock # SB-808. \$12.00. Provides an overview of factors affecting Soviet agricultural trade, emphasizing grain and soybean trade.

Government Intervention in Soviet Agriculture: Estimates of Consumer and Producer Subsidy Equivalents. *Staff report.* 38 pp. August 1991. Stock # AGES 9146. \$9.00.

Efficiency and Growth in Agriculture: A Comparative Study of the Soviet Union, United States, Canada, and Finland. *Staff report.* 48 pp. October 1989. Stock # AGES 8954. \$9.00.

Country and Regional Topics

NEW. Inputs Data of Selected Former Soviet Republics. 3.5" disk. Stock # 96001. \$25.00. Data from official Russian and FSU sources on intra- and extra-FSU trade and deliveries to agriculture for the larger FSU republics (Russia, Ukraine, Kazakhstan, and Belarus). Data include tractors, trucks, and combines for 1985-90. Tables include data on mineral fertilizers production and agricultural trade and delivery of nitrogen, phosphate, and potash. Estimated fertilizer application rates for major field crops and price lists of selected types of agricultural machinery and fertilizers for 1992-94. Yuri Markish, ERS, 202-219-0792. 10/95.

Russian Commodity Prices. 3.5" disk. Stock # 95007. \$25.00. Monthly retail and wholesale prices in state stores and city free markets for selected Russian cities. Retail prices include beef, bread, butter, eggs, milk, potatoes, and vegetable oil. Wholesale prices include agriculture commodities (sugar, flour, wheat) and energy products in the Russian Federation. Prices in rubles and dollars for 1992-94. Christian Foster, ERS, 202-219-0625. 5/95.

Former Soviet Union—Commodity Balances. 3.5" disks. Marketing year data by commodity or commodity group for the 15 former Soviet Union countries including harvested area, yields, production, beginning stocks, ending stocks, consumption (absolute and per capita), uses and waste, imports and exports. Christian Foster, 202-219-0625. 6/95.

Stock # 95008A	Grain balances (1 disk)	\$25.00
Stock # 95008B	Cotton balances (1 disk)	\$25.00
Stock # 95008C	Sugar balances (1 disk)	\$25.00
Stock # 95008Z	All commodities (3 disks)	\$45.00

Former Soviet Union Inter-Republic Trade. 3.5" disk. Stock # 95009. \$25.00. Contains data on inter-republic trade of 11 commodities: cotton, eggs, flour, fruit, meat, milk, potatoes, sugar, vegetables, and vegetable oil and also for total value of agricultural imports and exports. Data are for years 1987, 1989, 1990-93 and for 1988 and 1994, when available. Sharon Sheffield, ERS, 202-219-0019. 5/95.

Agricultural Statistics of the Russian Far East. 3.5" disk. Stock # 94016. \$25.00. Includes data on area, land use, crop and livestock production, and egg and milk production for the Russian Federation and the administrative territories of the Russian Far East region. Most data series are for 1981-92. Christian Foster, ERS, 202-219-0625. (.WK1), 10/94.

Food Processing Statistics for the Former USSR. 3.5" disk. Stock # 94017. \$25.00. Includes data on the production of processed food products, 1980-93, for the former USSR and the republics of the former Soviet Union and the Baltic states. Christian Foster, ERS, 202-219-0625. (.WK1), 8/94.

Agricultural Statistics for the Former Soviet Republics and the Baltic States. 3.5" disks. Data, by republic, for the 15 former Soviet republics on per capita consumption of food products; livestock inventories; production of livestock products; grain area, yield, and production; and government purchases of crop and livestock products. USSR data generally include 1960-91; data for republics cover 1980-91. Christian Foster,

ERS, 202-219-0625.	(.WK1), 9/94.	
Stock # 93009A	Land use and farm structure (one disk)	\$25.00
Stock # 93009B	Population, labor force, and agricultural inputs (one disk)	\$25.00
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Stock # 93009D	Livestock sector (one disk)	\$25.00
Stock # 93009E	Selected crops (one disk)	\$25.00
Stock # 93009F	Food consumption (one disk)	\$25.00
Stock # 93PK02	(Includes # 93009A-F)	\$60.00

USSR Agricultural Trade, 1986-89. Two 3.5" disks. Stock # 88016. \$35.00. Soviet data on volume and ruble value of imports and exports of agricultural commodities, machinery, and other inputs. 1986-89 data. Sharon Sheffield, ERS, 202-219-0019. (.WK1), 11/90.

U.S.-USSR Bilateral Trade. 3.5" disk. Stock # 88019. \$25.00. U.S. agricultural exports to and imports from the USSR, total and by specific commodities, value and quantity, for fiscal years 1970-90 and calendar years 1970-89. Includes total U.S. exports to and imports from the USSR. Sharon Sheffield, ERS, 202-219-0019. (.WK1), 6/91.

USSR Trade Compendium. Two 3.5" disks. Stock # 88023. \$35.00. Soviet value and quantity data on agricultural imports and exports, 1955-89, including total imports and exports; imports by origin for grains, flour, soybeans, sugar, cotton, red meat, and poultry; imports by type for oilseeds, vegetable oils, and meat; exports by destination of grains, flour, sugar, sunflowerseed oil, and cotton; and exports by type for vegetable oils and meat. Sharon Sheffield, ERS, 202-219-0019. (.WK1), 1/91.

USSR Production and Procurement. 3.5" disk. Stock # 89027. \$25.00. Data on grain area, yield, production, and procurement for the 15 Soviet republics and the constituent 125 oblasts and regions. Data are reported for calendar years 1980 and 1985-87. Sharon Sheffield, ERS, 202-219-0019. (.WK1), 3/92.

USSR Oilseeds. 3.5" disk. Stock # 90003. \$35.00. Soviet data on the area, yield, and production of 10 oilseeds plus oil and meal production and use. Trade data for these commodities are also included. Data series cover marketing years from 1955/56 through 1990/91. Roger Hoskin, ERS, 202-219-0624. (.WK1), 3/92.

USSR Grain Seeding Progress. 3.5" disk. Stock # 88004. \$25.00. Selected years 1971-90. Data cover fall and spring small grains, pulses, and corn for grain on State and collective farms on a weekly basis with daily levels interpolated. Sharon Sheffield, ERS, 202-219-0019. (.WK1), 3/92.

Agricultural Statistics of Eastern Europe and the Soviet Union. 3.5" disk. Stock # 89020. \$25.00. Annual data for the Soviet Union and seven East European countries, 1965-85, on land use, agricultural inputs, crop production, livestock production, and per capita consumption of selected foods. Nancy Cochrane, ERS, 202-219-0650. (.WK1), 6/89.

Latin America

Latin America, John Link (JLINK), 202-219-0667

Latin America's Big Three Sugar Producers in Transition: Cuba, Mexico, Brazil. *Research report.* 36 pp. September 1992. Stock # AIB-656. \$9.00. A profile of the sugar industries in Cuba, Mexico, and Brazil, this report provides benchmark data and analysis to judge the direction the countries may take into the later 1990's.

Testing Two Trade Models in Latin American Agriculture. *Staff report.* 27 pp. January 1992. Stock # AGES 9203. \$9.00.

Government Intervention in Latin American Agriculture, 1982-87. *Staff report.* 160 pp. September 1991. Stock # AGES 9152. \$15.00.

Mexico

Mexico, John Link (JLINK), 202-219-0667
Constanza Valdes (CVALDES), 202-219-0919

NEW. Comparison of Agricultural Support in Canada, Mexico, and the United States. By Frederick J. Nelson and others. *Research report.* 44 pp. September 1995. Stock # AIB-719. \$9.00. Based on comparisons of agricultural support measures called producer subsidy equivalents, finds that Canada supported its agricultural sector more than the United States or Mexico in 1982-92. During that time, Canada's support averaged 35 percent of the value of agricultural gross receipts, compared with 23 percent in the United States and 21 percent in Mexico. *AutoFAX summary document # 01004.*

U.S.-Mexico Fruit and Vegetable Trade, 1970-92. *Research report.* 141 pp. April 1995. Stock # AER-704. \$15.00. Fruit and vegetable trade between the United States and Mexico grew tremendously between 1970 and 1992. Data in this report are useful for understanding the trade situation between the two countries.

The U.S. Presence in Mexico's Agribusiness. *Research report.* 15 pp. July 1994. Stock # FAER-253. \$9.00. NOTE: *Limited supplies; please call to verify availability.* This report reviews U.S. investment in Mexico from 1987 to 1992 and evaluates its impact on the U.S. and Mexican economies. U.S. investment in Mexico is expected to increase with the implementation of the North American Free Trade Agreement.

The Mexican Wheat Market and Trade Prospects. *Staff report.* 36 pp. September 1990. Stock # AGES 9052. \$9.00.

Government Intervention in the Mexican Crop Sector. *Staff report.* 20 pp. September 1989. Stock # AGES 8940. \$9.00.

The Mexican Economy in the 1990's: Markets Are In; State Control Is Out. *Research report.* 12 pp. October 1991.

Stock # AIB-635. \$7.50. Summarizes the dramatic changes in Mexico's economic policies since 1987.

U.S.-Mexico Fruit and Vegetable Trade, 1970-92. 3.5" disk. Stock # 95005. \$25.00. Annual (calendar year) production quantities, import and export quantities and values of 35 principal fruits and vegetables traded between the U.S. and Mexico. Tables also provide for fresh, frozen, canned, processed, and dehydrated categories. Susan Pollack, ERS, 202-219-0505. 3/95.

South America

Productivity and Technical Change in Brazilian Agriculture. *Research report.* 23 pp. November 1992. Stock # TB-1811. \$9.00. Discusses Brazil's drive to modernize its technology. The major changes in Brazilian agricultural growth over the past two decades can be traced to government subsidies that spurred modernization.

Risk Aversion Through Nontraditional Export Promotion Programs in Central America. *Staff report.* 19 pp. December 1990. Stock # AGES 9074. \$9.00.

Western Hemisphere

Caribbean, Richard Brown (RNBROWN), 202-219-0693
Western Hemisphere, Kim Hjort (KHJORT), 202-501-8544

Longrun Competitiveness of Australian Agriculture. *Research report.* 23 pp. December 1990. Stock # FAER-243. \$9.00. Identifies domestic factors that made Australian agriculture competitive since the 1950's and those most likely to determine its future competitiveness in global markets.

Targeting Australian Agricultural Policies for Trade Liberalization. *Staff report.* 17 pp. July 1990. Stock # AGES 9050. \$9.00.

Agricultural Trade Policies—Western Hemisphere. 3.5" disk. Stock # 95002A. \$25.00. Describes an overview of agricultural policies in 25 Western Hemisphere countries. Describes current and pending policies emphasizing prices, trade, and inputs. Also provides a brief overview of forces shaping economic policies in Latin America since WWII. Donna Roberts, ERS, 219-4982. 11/94.

Caribbean Fruits & Vegetables. 3.5" disk. Stock # 88015B. \$25.00. Market characteristics for U.S. imports of selected fruits and vegetables from the Caribbean, Central America, and Mexico for 1975-87. Includes annual and monthly supply, use, and trade data as well as monthly wholesale prices for New York and Chicago. Dick Brown, ERS, 202-219-0693. (WK1), 1/91.

Effects of Imports on the Puerto Rican Livestock-Meat Industry. *Research report.* 60 pp. March 1989. Stock # AER-605. \$9.00. Examines the Puerto Rican beef industry and discusses possible policy alternatives for addressing the industry's problems.

Canada

Canada, Suchada Langley (SLANGLEY), 202-219-0006

NEW. Comparison of Agricultural Support in Canada, Mexico, and the United States. By Frederick J. Nelson and others. *Research report.* 44 pp. September 1995. Stock # AIB-719. \$9.00. Based on comparisons of agricultural support measures called producer subsidy equivalents, finds that Canada supported its agricultural sector more than the United States or Mexico in 1982-92. During that time, Canada's support averaged 35 percent of the value of agricultural gross receipts, compared with 23 percent in the United States and 21 percent in Mexico. *AutoFAX summary document # 01004.*

A North American Free Trade Area for Agriculture: The Role of Canada and the U.S.-Canada Agreement. *Research report.* 11 pp. March 1992. Stock # AIB-644. \$7.50. The U.S.-Canada Free Trade Agreement (CFTA) was enacted on January 1, 1989, after two and a half years of negotiations. Participation in a NAFTA is important to Canada in order to maintain its status under the CFTA and to ensure its exports to the United States are not displaced by Mexican products.

Sugar and Corn Sweetener: Changing Demand and Trade in Mexico, Canada, and the United States. *Research report.* 12 pp. April 1993. Stock # AIB-655. \$6.00. A look at the trade flows for sugar and high-fructose corn sweetener (HFCS) among Mexico, Canada, and the United States.

Pear Import Demand: Three Markets for U.S. Fresh Pears. *Research report.* 15 pp. April 1994. Stock # AER-681. \$9.00. This report presents the results of an econometric analysis of two U.S. pear markets, Canada and Sweden, and explores competition among the major exporters to these markets. The United States will likely increase its pear exports to Canada if Canada expands its pear imports, and U.S. import share will increase slightly in Sweden.

Apple Import Demand: Four Markets for U.S. Fresh Apples. *Research report.* 15 pp. December 1990. Stock # AER-641. \$9.00. Gives the results of an econometric analysis of four U.S. overseas apple markets and explores competition in Canada, Hong Kong, Singapore, and the United Kingdom.

Orange Import Demand: Four Markets for U.S. Fresh Oranges. *Research report.* 15 pp. November 1991. Stock # AER-655. \$9.00. U.S. fresh orange shipments are expected to increase or remain about steady in the top four import-

ing markets: up significantly in Singapore, up moderately in Canada and Hong Kong, and about steady in the EC.

North American Trade Model for Animal Products.

Research report. 68 pp. December 1993. Stock # TB-1830. \$12.00. This report outlines the basic structure of the North American Trade Model for Animal Products, a modeling system for policy analysis for the livestock, dairy, and poultry sectors of the United States, Canada, and Mexico.

Efficiency and Growth in Agriculture: A Comparative Study of the Soviet Union, United States, Canada, and Finland. *Staff report.* 48 pp. October 1989. Stock # AGES 8954. \$9.00.

Intra-Industry Trade Indexes for Canada, Mexico, and the United States, 1962-87. *Staff report.* 54 pp. February 1992. Stock # AGES 9206. \$9.00.

Producer and Consumer Subsidy Equivalents. Two 3.5" disks. Stock # 95001. \$35.00. Estimates of producer and consumer subsidy equivalents by commodity, 1982-92, for 31 countries, including the United States, Canada, and Mexico. Donna Roberts, ERS, 202-219-4982. (WK1), 5/95.

U.S. Fresh-Market Fruit Exports. 3.5" disk. Stock # 93006. \$25.00. Reports a major revision in U.S. fresh fruit export statistics, 1978-91. Monthly data on U.S. exports to Canada and the world are included for 13 fresh-market fruits. 1/93.

U.S. Live Cattle Imports. 3.5" disk. Stock # 91007. \$25.00. Monthly data, 1970-90, on imports from Mexico and Canada by weight class and breeding animals by type. Data are arranged by tariff schedule classification, quantity, and value. Shayle Shagam, ERS, 202-219-0011. (WK1), 5/91.

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
NASS (720- phone numbers): @ag.gov

Farm Policy

The Basic Elements of Agricultural Competitiveness, in Three Parts: Economics and Policy, Geography, History. *Research report.* 95 pp. March 1993. Stock # MP-1510.

\$12.00. This briefing format booklet explains the basic principles of agricultural competitiveness to give a sense of where the country is headed in world agricultural trade, especially if current conditions and policies remain fixed.

Market-Oriented Agriculture: The Declining Role of Government Commodity Programs in Agricultural Production Decisions. *Research report.* 7 pp. June 1993. Stock # AER-671. \$7.50. Illustrates how agricultural supply has moved toward greater reliance on market forces by examining the declining role of government commodity programs in production decisions for corn, wheat, rice, and upland cotton.

Crops, Livestock, and Farm Programs: Overlooked Interactions. *Research report.* 64 pp. September 1990. Stock # AER-638. \$12.00. Examines how shifts in consumer and importer demand, resource supply, technology, capital accumulation, or farm programs affect different enterprises in ways often not anticipated by policy advisors.

Provisions of the Food, Agriculture, Conservation, and Trade Act of 1990. *Research report.* 168 pp. June 1991. *Limited supplies; call for availability.* Stock # AIB-624. \$15.00. Summarizes major provisions of the Food, Agriculture, Conservation, and Trade Act of 1990, the framework for administering agricultural and food programs during 1991-95. Includes all major commodity programs.

Changes in U.S. Agriculture and Emerging Issues for Legislation in the 1990's. *Research report.* 12 pp. December 1989. Stock # AIB-584. \$7.50. Outlines recent changes in the structure and financial picture of U.S. agriculture and reviews topics considered in farm legislation.

Monetary Policy: The Potential Role for Agricultural Commodity Prices. *Research report.* 22 pp. June 1990. Stock # TB-1779. \$9.00. Presents empirical evidence on the relationships among agricultural and nonagricultural commodity prices, general price level, monetary aggregates, interest rates, industrial production, and the exchange rate.

Agricultural-Food Policy Review: U.S. Agricultural Policies in a Changing World. *Research report.* 404 pp. November 1989. Stock # AER-620. \$15.00. Brings together background information for assessing today's agricultural sector and programs of the Food Security Act of 1985, and for looking at new agricultural, environmental, and rural development strategies.

World Food Security: The Effect of U.S. Farm Policy. *Research report.* 8 pp. April 1990. Stock # AIB-600. \$7.50. Defines U.S. world food security and looks at how U.S. domestic farm policies affect it.

The Basic Mechanisms of Japanese Farm Policy. *Research report.* 40 pp. February 1990. Stock # MP-1478. \$9.00. Illustrates the workings of Japanese farm policy, looking at rice price support and beef import restrictions.

The Japanese Presence in U.S. Agribusiness. *Research report.* 42 pp. June 1992. Stock # FAER-244. \$9.00. Puts Japanese involvement in perspective and evaluates the influence of this recent phenomenon on the U.S. economy.

The Basic Mechanisms of European Community (EC) Farm Policy. *Research report.* 28 pp. August 1990. Stock # MP-1485. \$9.00. Illustrates the effects of target, intervention, and threshold prices, plus levies and refunds.

The 1990 Farm Act and the 1990 Budget Reconciliation Act: How U.S. Farm Policy Mechanisms Will Work Under New Legislation. *Research report.* 40 pp. December 1990. Stock # MP-1489. \$9.00. This popular booklet explains the main features of the new 5-year farm law in easy-to-follow pages of illustrative material. These verbal graphics act as a self-programmed instruction method, leading the reader from one point to the next. Works as an informal briefing that makes its points step by step with overhead transparencies. Its focus is on program commodities.

The Disaster Assistance Act of 1989: A Description of the Provisions. *Staff report.* 19 pp. November 1989. Stock # AGES 8959. \$7.50.

Computable General Equilibrium Modeling of Agricultural Policies: Documentation of the 30-Sector FPGE GAMS Model of the United States. *Staff report.* 68 pp. June 1991. Stock # AGES 9125. \$12.00.

Basic Mechanisms of U.S. Farm Policy

The Basic Mechanisms of U.S. Farm Policy: How They Work, with Examples and Illustrations. 88 pp. January 1990. Stock # MP-1479. \$12.00. Describes in plain English the key concepts of how U.S. farm policy works. Takes you step by step through the major programs. Separated into three, easy-to-follow sections. *Also available in separate volumes, as shown below.*

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The Basic Mechanisms of U.S. Farm Policy: Part Two: Deficiency Payments, Certificates, and PIK & Roll. 32 pp. December 1989. Stock # MP-1476. \$9.00.

The Basic Mechanisms of U.S. Farm Policy: Part Three: Export Enhancement, FOR, Marketing Loans, Disaster Payments, and CRP. 28 pp. December 1989. Stock # MP-1477. \$9.00.

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- U.S. Farm Programs and Agricultural Resources.** *Research report.* 12 pp. September 1990. Stock # AIB-614. \$7.50. Finds that U.S. agricultural programs have a greater effect on land and other farm inputs than on commodity production.
- Economic Effects of Mandatory Production Controls.** *Research report.* 36 pp. March 1989. Stock # AER-595. \$9.00. Finds that a mandatory production control program using acreage allotments to increase commodity prices to 80 percent of parity will increase aggregate net farm income by slightly less than \$80 billion over 5 years.
- Agriculture-Related Employment: Farm Commodity Programs and Rural Economies.** *Research report.* 16 pp. September 1990. Stock # AIB-613. \$7.50. Describes the modern food and fiber complex and Government commodity programs and how they affect nonmetro economies and employment.
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- Program Provisions for Program Crops: A Database for 1961-90.** *Staff report.* 113 pp. March 1990. Stock # AGES 9010. \$12.00.
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Toward an Analysis of the Farmers Home Administration's Direct and Guaranteed Farm Loan Programs. *Staff report.* 33 pp. April 1991. Stock # AGES 9116. \$9.00.

Profile of Participants in FmHA's Guaranteed Farm Loan Programs. *Staff report.* 48 pp. December 1991. Stock # AGES 9160. \$9.00.

Participation in the U.S. Federal Crop Insurance Program. *Research report.* 9 pp. June 1992. Stock # TB-1800. \$7.50. Examines why farmers participate in the Federal multiple peril crop insurance program.

Federal Crop Insurance and the 1990 Farm Bill: An Assessment of Program Options. *Staff report.* 38 pp. September 1989. Stock # AGES 8945. \$9.00.

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Futures, Gerry Plato (GPLATO), 202-501-6763

Subsidized Put Options as Alternatives to Price Supports. *Research report.* 24 pp. December 1989. Stock # TB-1773. \$9.00. Compares effectiveness of a subsidized put option program to support and stabilize producer income with the current program.

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Federal Marketing Orders for Horticultural Crops. *Research report.* 16 pp. March 1990. Stock # AIB-590. \$7.50. Describes the purpose of horticultural marketing orders and their effects on growers, marketers, input suppliers, food processors, and consumers.

Farm Sector Economics

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 Farm Forecast Income, Farm Sector Finances, Mitch Morehart
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NEW! Measuring the Economywide Effect of the Farm Sector: Two Methods. By William Edmondson and others. *Technical bulletin.* 34 pp. July 1995. Stock # TB-1843. \$9.00. An updated and expanded look at an accounting system that identifies the value, in terms of output, income, and employment, of agricultural production. ERS produces two series that estimate the impact of agriculture on the domestic economy. *AutoFax summary document # 01701.*

Agricultural Outlook: Farm Sector Statistics, 1962-91. *Special report.* 55 pp. September 1993. Stock # AGO-931. \$9.00. Thirty-two tables summarize 30 years of useful statistics from ERS' popular *Agricultural Outlook:* U.S. gross domestic product; foreign economic growth; index of prices received and paid by farmers; consumer and produce price indexes; price spreads and marketing costs; U.S. meat, egg, and milk supply and use; and more.

NEW! Farm Business Economics Report, 1994. *Annual report.* Stock # ECI-1995. \$15.00. Spring 1996. Combines the information from three former separate publications of the series Economic Indicators of the Farm Sector: 1) National Financial Summary, 2) State Financial Summary, and 3) Costs of Production, Major Field Crops and Livestock and Dairy.

Agricultural Outlook Yearbook. Two 3.5" disks. Stock # 87011. \$35.00. Annual statistics, 1960-91, on U.S. crop and livestock production, utilization, trade, agricultural economics, and related topics. Nathan Childs, ERS, 202-219-1281. (.WK1), 6/93.

Agricultural Commodity Output. 3.5" disk. Stock # 91008. \$25.00. U.S. and State data for the 17 agricultural sectors of 1982 U.S. input-output accounts. These data are completely additive to the published national tables for the

agricultural sector. William Edmondson, ERS, 202-219-0777. Lotus 1-2-3 (Release 2 and Release 3), 7/92.

Agricultural Prices

Statistics, Robert Milton (RMILTON), 202-720-3570

Agricultural Prices. *Annual report, July 16. Stock # ZAP-96.* \$15.00. Summary of indexes of prices received and paid by farmers; prices received for farm commodities by States and prices paid for production items by region and U.S., 1995 and earlier years.

Agricultural Prices. *Monthly. Subscription.* 12 issues. *Paper subscription:* Stock # PAP. 1 yr, \$29.00; 2 yrs, \$56.00; 3 yrs, \$84.00.

All issues show prices received by farmers for principal crops, livestock, and livestock products; indexes of prices received by farmers; feed price ratios; indexes of prices paid by farmers; and parity prices.

January, April, July, October: Indexes for production input items purchased by farmers. Feed, fuel, and fertilizer prices published by production regions, other items at U.S. level in April. Prices paid index of production items by farm and nonfarm origin and crop and livestock sector.

January 31: Revised monthly and annual indexes of prices received and paid by farmers. Also, a description of parity prices including: authority for, method of computation, and prices used in parity computations. Revised monthly prices for field crops, oranges, apples, peaches, pears, limes, vegetables, potatoes, and sweetpotatoes; marketing year average prices for oranges and limes. U.S. prices received for special oilseeds. Prices paid for feeder livestock. Prices paid regions defined. Five-month average price for rice; 12-month average price for upland cotton.

February 29: Annual average prices for meat animals and milk cows. Noncitrus fruits, monthly, and marketing year average prices. Five-month average price for corn and sorghum grain. Equivalent on tree returns for selected fruit crops. Value of all cattle and calves and sheep as of Jan. 1, 1996; hogs and pigs as of Dec. 1, 1995.

March 28: Annual average prices received for wool and mohair.

April 30: Revised monthly and marketing year average prices for poultry, eggs, field crops, and grapefruit. Revised monthly and annual milk prices and fat tests. Prices paid for agricultural chemicals, feed, fuels, farm machinery, fertilizer and limestone, replacement livestock, and field seeds.

May 31: Marketing year average prices and monthly price revisions for tobacco and cotton. Historic monthly and marketing year average feed price ratios.

June 27: Revised monthly and annual index of prices received. Revised marketing year average prices for sweetpotatoes. Twelve-month average price for wheat, barley, and oats.

July 31: Description of parity prices, including: authority for, method of computation, and prices used in parity computations. Marketing year average prices for sugarbeets and sugarcane. Prices paid for feeder livestock. Description of indexes and relative importance of components and commodities that are included in the index of prices paid by farmers, including interest, taxes, and farm wage rates. Cattle grazing fee rates on privately owned non-irrigated land. Fruit prices: revised monthly prices for fresh apples and pears.

August 30: Marketing year average price for cranberries.

September 30: Revised monthly and marketing year average prices for potatoes and citrus. Twelve-month average price for corn and sorghum grain.

October 31: Marketing year average prices for Upland and American-Pima; revised monthly prices for upland cotton and cottonseed and monthly marketing of upland cotton. Prices paid for feeder livestock.

November 27: Marketing year average price for rice. Five-month average price for wheat, barley, and oats.

December 30: Grazing rates on privately owned non-irrigated land and prices paid index for beef cattle production. Annual average prices paid for feeder livestock. Periodic features calendar of "Agricultural Prices."

Farm Production Expenditures. *Annual report*, July 18. Stock # ZPE-96. \$9.00. Revised 1994 and preliminary, 1995: Estimates of farm production expenditures by U.S. farm production regions and economic class for major expenses.

Prices Received by Farmers, Historic Prices and Indexes. 3.5" disk. Stock # 92152. \$25.00. Monthly and annual average U.S. prices by commodity, most for 1908-92. Index of prices received by farmers includes monthly and annual prices for 1981-91, indexes by commodity group, and the base 1910-14=100 and 1977=100. Herb Vanderberry, NASS, 202-720-5446. ASCII, 9/93.

Costs of Production

Economics, Bob McElroy (RMCELROY), 202-219-0802
Statistics, Douglas Kleweno (DDKLEWENO), 202-720-4214

How Costs of Production Vary. *Research report*. 20 pp. May 1990. Stock # AIB-599. \$7.50. Analyzes groups of producers at various cost levels and shows that costs of producing crops per unit of output vary considerably by farm.

Costs of Production, PKG-15. Includes Peanuts: *State-Level Costs of Production, 1986-88*; Cotton: *State-Level Costs of Production, 1986-88*; Corn: *State-Level Costs of Production, 1986-88*; and Barley: *State-Level Costs of Production, 1986-88*. Stock # PKG-15. \$24.00.

Major Statistical Series of the U.S. Department of Agriculture, Volume 12: Costs of Production. *Handbook*. 16 pp. March 1992. Stock # AH-671-12. \$9.00. This updated volume describes the estimation procedures and data sources for making estimates of annual costs of production for ma-

jor crop and livestock enterprises. Each budget assesses cash receipts, itemized cash expenses, economic costs, yields, prices, and net returns.

U.S. Average Costs of Production for Major Field Crops.

Research report. 15 pp. December 1991. Stock # AIB-639.

\$7.50. Finds that costs of production for most commodities increased only modestly from 1989 to 1990. Cotton rose the most, at 6 percent, while wheat, oats, and barley were relatively stable.

State-Level Costs of Production: Major Field Crops, 1987-89.

Statistical bulletin. 129 pp. May 1992. Stock # SB-838.

\$15.00. Includes data on production cash costs and returns per planted acre, production economic costs and returns per planted acre, and average machinery use per planted acre by State for barley, corn, cotton, oats, peanuts, rice, grain sorghum, soybeans, and wheat.

State-Level Costs of Production, 1987. *Staff report*. 88 pp. March 1989. Stock # AGES 8913. \$12.00.

Barley: State-Level Costs of Production, 1986-88. *Staff report*. 26 pp. June 1990. Stock # AGES 9046. \$9.00.

Costs of Production. Two 3.5" disks.

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U.S. and regional data, 1975-93, on corn, grain sorghum, oats, barley, wheat, soybeans, rice, peanuts, cotton, sugarbeets, sugar cane, milk, cow-calf, hog farrow-to-finish, hog farrow-to-feeder, and hog pig-to-finish production costs. This product updates and replaces # 89025 and # 90002.

Robert McElroy, ERS, 202-219-0802. (WK1), 12/95.

State-Level Costs of Production. 3.5" disk.

Stock # 92013. \$25.00.

Costs of production, 1987-89, by selected States for nine major field crops including feed grains, wheat, rice, cotton, soybeans, and peanuts. Mir Ali, 202-219-0374. (WK1), 5/92.

Farm Financial Conditions

Costs and Returns, Bob McElroy (RMCELROY), 202-219-0802
Farm Sector Finances, Mitch Morehart (MOREHART), 202-219-0100
Jim Ryan (JIMRYAN), 202-219-0796

U.S. and State Farm Sector Financial Ratios, 1960-91.

Statistical bulletin. 115 pp. June 1993. Stock # SB-857.

\$15.00. Presents national- and State-level estimates of liquidity, efficiency, solvency, and profitability ratios.

Profitability of Farm Businesses: A Regional, Farm Type, and Size Analysis. *Research report*. 18 pp. June 1994.

Stock # SB-884. \$9.00. This report uses recent data to show the wide income variance among farms, a third of which are not profitable, and shows the major part played by larger and more specialized farms in the total production of U.S. agriculture.

Farming Operations and Households in Farm Areas: A Closer Look.

Research report. 31 pp. May 1994. Stock # AER-685.

\$9.00. This report examines characteristics of farm business and farm operator households in three groups of counties: farming-dependent, major farming, and residual.

Farm Operating and Financial Characteristics, 1990. *Statistical bulletin.* 161 pp. August 1993. Stock # SB-860. \$15.00. Presents operating and financial characteristics, including farm business income, expenses, assets, and liabilities.

Farm Businesses End the Decade With Strong Financial Performance. *Research report.* 21 pp. October 1990. Stock # AIB-616. \$9.00. Presents findings (as of January 1, 1990) on the financial performance of U.S. farms.

Financial Performance of U.S. Farm Businesses, 1987-90. *Research report.* 174 pp. December 1992. Stock # AER-661. \$15.00. Finds that farm businesses in 1990 were in the strongest financial condition since 1984, based on their overall financial performance.

Financial Characteristics of U.S. Farms, January 1, 1989: A Summary. *Research report.* 16 pp. July 1989. Stock # AIB-569. \$7.50. Summarizes information on the financial performance of farmers from the January 1, 1989, Farm Costs and Returns Survey.

Financial Characteristics of U.S. Farms, January 1, 1989. *Research report.* 171 pp. December 1989. Stock # AIB-579. \$15.00. Provides a detailed analysis of farm financial performance based on the latest information from the January 1, 1989, Farm Costs and Returns Survey.

Farm Sector Balance Sheet, Including Operator Households, 1960-89: United States and by State. *Statistical bulletin.* 211 pp. August 1991. Stock # SB-826. \$15.00. Furnishes the latest farm sector balance sheet estimates developed by ERS, incorporating numerous revisions in estimating procedures and changes in data in national and State-level estimates of assets, debt, and equity.

Farm Sector Balance Sheet, Including Operator Households, 1960-89, and Excluding Operator Households, 1974-89: By Sales Class. *Statistical bulletin.* 48 pp. November 1991. Stock # SB-831. \$9.00. Furnishes the latest farm sector balance sheet estimates developed by ERS. The distribution of farm assets, debt, and equity has shifted over time.

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Loan Repayment Problems of Farmers in the Mid-1980's. *Research report.* 29 pp. September 1991. Stock # AER-649. \$9.00. Reviews the bottom line of the 1980's farm financial crisis: farmers' loan defaults and subsequent loan losses. The financial squeeze subsided during the late 1980's, mainly through a combination of debt repayment and loan writeoffs.

Farm Financial Conditions, by Region, January 1, 1989. *Research report.* 12 pp. December 1989. Stock # AIB-577. \$7.50. Presents farm financial findings from USDA's annual Farm Costs and Returns Survey.

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Long-Term Agricultural Baseline Projections. *Research report.* 90 pp. February 1995. Stock # WAOB-95-1. \$12.00. Provides longrun projections for the U.S. agricultural sector to 2005. Projections cover selected commodities and such aggregate indicators as farm income and food prices. As "baseline" projections, they represent one plausible scenario for the late 1990's, and reflect both model results and judgment. The projections use a conditional, current-law scenario with no shocks, based on specific assumptions for the macroeconomy, weather, and trade.

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1756. \$15.00. Finds that large crop farms, with large input purchases and product sales, can often bargain for better terms than are available to smaller farms and can get better prices or access to services.

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Farm Sector Balance Sheet by Sales Class. *3.5" disk.* Stock # 92003. \$25.00. U.S. and State data (including farm households) on farm assets, real estate and nonreal estate debt, equity, total claims, and debt-to-asset ratios by sales class, 1960-89. Similar data excluding farm households are included for 1974-89. Kenneth Erickson, ERS, 202-219-0799. (.WK1), 11/91.

Farm Sector Financial Ratios. *3.5" disk.* Stock # 93012. \$25.00. U.S. and State data, 1960-91, reporting liquidity, efficiency, solvency, and profitability ratios for the farm sector. The profitability ratios include rates of return on assets and rates of return on equity. Ken Erickson, ERS, 202-219-0799. (.WK1), 2/94.

Farm Business Balance Sheet. 3.5" disk. Stock # 93013. \$25.00. U.S. and State data, 1960-91, on farm assets, real estate and nonreal estate debt, and equity (excluding farm households). Data on farm real estate and nonreal estate debt by type of lender are included. Ken Erickson, ERS, 202-219-0799. (.WK1), 5/93.

Farm Operating and Financial Characteristics. 3.5" disk. Stock # 93016. \$25.00. Summarized data from the 1990 Farm Costs and Returns Survey (FCRS) including farm business income, expenses, assets, and liabilities. These data are reported by farm size, region, production specialty, tenure, farm organization, and selected operator characteristics. Judith Kalbacher, ERS, 202-219-0800. ASCII text files. 8/93.

Farm Income

Annual Farm Income, Roger Strickland (ROGERS), 202-219-0806
Cash Receipts, Larry Traub (LTRAUB), 202-219-0819
Farm Forecast Income, John Jinkins (JJINKINS), 202-219-0798
Farm Household Income, Judith Kalbacher (JUDITHK), 202-219-0800
Wages and Labor, Jack Runyan (JRUNYAN), 202-219-0937
Leslie Whitener (WHITENER), 202-219-0935

Agricultural Income and Finance Situation and Outlook. Subscription. 4 issues. Stock # AIS. \$18.00. This periodical provides historical estimates and forecasts of farm sector financial information that will allow you to gauge the financial health of the nation's farmers and ranchers. Common topics include trends in farm sector receipts, expenses, debt, assets, and costs of producing crops and livestock. Each of the four annual issues concentrates on a particular area of the farm financial picture. The February issue reviews the financial health of agricultural lenders and looks at the credit available for agriculture. The June issue reviews midyear forecasts of key financial information for the current year. The September issue takes a first look at final estimates of key financial information for the previous year. December does a first look at forecasts of key financial information for the coming year.

Forecasting Farm Income: Documenting USDA's Economic Model. Research report. 48 pp. August 1993. Stock # TB-1825. \$9.00. Describes the components and equations in USDA's farm income forecasting model, an accounting model for forecasting crop and livestock receipts for 32 individual commodities, government program payments for each program commodity, and expenses for 21 inputs, such as feed, seed, fertilizer, interest, and labor.

Farm Business Balance Sheet, 1960-91: United States and by State. Statistical bulletin. 228 pp. May 1993. Stock # SB-856. \$15.00. This report furnishes farm business balance sheet estimates developed by ERS.

Using Cash, Futures, and Options Contracts in the Farm Business. Research report. 42 pp. April 1993. Stock # AIB-665. \$9.00. Shows that contracting enables farmers to reduce income uncertainty by assuring prices and outlets for their crops.

Dynamic Asset Replacement Decisions To Enhance Farm Profits. Research report. 24 pp. June 1989. Stock # TB-1758. \$9.00. Develops a model which can improve farm profitability by helping farmers determine when to rejuvenate assets instead of replacing them.

A Historical Look at Farm Income. Statistical bulletin. 27 pp. May 1990. Stock # SB-807. \$9.00. Presents the national farm income statistics, dating back to 1910.

Aspects of Farm Finances: Distribution of Income, Family Income, and Direct Payments, 1986. Research report. 28 pp. April 1990. Stock # AER-630. \$9.00. Cross-classifies 1986 Farm Costs and Returns Survey data to more clearly show the diverse nature of farms and their greatly varying financial conditions.

State-Level CCC Nonrecourse Crop Loan Activity, 1985-91. Statistical bulletin. 79 pp. December 1992. Stock # SB-847. \$12.00. The data in this report, covering 16 crops, are used in estimating gross farm income and its component cash receipts and government payment accounts.

Monthly Cash Receipts from Farm Marketings, 1972-91. Statistical bulletin. 113 pp. December 1992. Stock # SB-845. \$12.00. Summarizes monthly cash receipts for 12 major commodity groups to reflect production and sales at the U.S. level during 1972-91. Includes cash receipts data for three major commodity groupings (crops, livestock, and all commodities) by State.

The Economic Well-Being of Farm Operator Households, 1988-90. Research report. 173 pp. January 1993. Stock # AER-666. \$15.00. In inaugurating a new USDA farm household income series, this report, based on household data from the Farm Costs and Returns Survey, describes the characteristics of farm operator households, their farm businesses, and their sources of off-farm income.

Alternative Measures of Farm Output to Classify Farms by Size. Research report. 32 pp. January 1989. Stock # TB-1749. \$9.00. Looks at six different ways of classifying farms to determine how they are faring: three measures based on value of sales and three measures based on value of production.

Estimating Supply Response of Multiproduct Farms. Research report. 24 pp. January 1989. Stock # TB-1750. \$9.00. Finds that operators of multiproduct farms make production decisions based on aggregate economic assessments, not just on isolated assessments for each crop.

NEW. State Farm Income Data, 1994. Three 3.5" disks. Stock # 96002. \$45.00. Includes State-level farm income accounts for 1985-94. Also includes cash receipts by commodity, cash receipt rankings and related data. Cheryl Steele, ERS, 202-219-0793. 10/95.

U.S. Farm Income. 3.5" disk. Stock # 90022. \$25.00. Historical farm income statistics, 1910-89. Reports gross and net farm income, net cash income, cash receipts, and related data. Cheryl Steele, ERS, 202-219-0793. (.WK1), 5/90.

Farm Numbers

Statistics, Norman Bennett (NBENNETT), 202-690-3229

Farm Numbers and Land in Farms. *Annual report*, July 30. Stock # ZFL-96. \$7.50. Number of farms in operation, land in farms, and average size (acreage) of farms June 1, 1996, and revisions for 1995; individual States and U.S. totals. Sales class estimates for number of farms, land in farms, and average size of farms for U.S. and selected States.

Involuntary Exits from Farming: Evidence from Four Studies. *Research report*. 16 pp. November 1989. Stock # AER-625. \$7.50. Analyzes four cases of farm exit in southwestern Wisconsin, Texas, North Dakota, and Dodge County, Georgia, mainly during the early 1980's.

Farm Financial Stress, Farm Exits, and Public Sector Assistance to the Farm Sector in the 1980's. *Research report*. 56 pp. April 1991. Stock # AER-645. \$9.00. Examines the effects of short-term economic events on farm exits, net changes in farm numbers, longrun trends in farm numbers, and public sector support for the farm sector.

Exits from Farming in Southwestern Wisconsin, 1982-86. *Research report*. 24 pp. February 1990. Stock # AER-631. \$9.00. Finds that one in every five farm operators in southwestern Wisconsin left farming in the early 1980's.

Farms and Land in Farms: Final Estimates, 1987-93. *Statistical bulletin*. 8 pp. July 1995. Stock # SB-895. \$10.00. NASS' review of 1987-93 statistics on farms and land in farms.

Estimating Entry and Exit of U.S. Farms. *Staff report*. 16 pp. March 1991. Stock # AGES 9119. \$7.50.

State Data

U.S.-State Agricultural Data. *Statistical bulletin*. 112 pp. September 1993. Stock # SB-865. \$12.00. Presents national and State data on population, land use, agricultural production, farm income, value of assets of farms, and selected characteristics of farms, such as size, tenure, and farm organization, mostly for 1991.

Corn: State Costs of Production. 3.5" disk. Stock # 94018. \$25.00. 1991 production costs and returns data for 10 corn-producing States. Includes quantities of selected inputs and data on machinery used in corn production. Mir Ali, ERS, 202-219-0374. (.WK1), 9/94.

Peanuts: State Costs of Production. 3.5" disk. Stock # 94019. \$25.00. 1991 production costs and returns data for 7 peanut-producing States. Includes quantities of selected inputs and data on machinery used in peanut production. Mir Ali, ERS, 202-219-0374. (.WK1), 9/94.

Historical State Farm Income Accounts. Three 3.5" disks. U.S. and State data, 1949-94, on net farm income, net cash income, returns to operators, and net business income. Also includes cash receipts, government payments, produc-

tion expenses, and other components of the income accounts. Chris McGath, ERS, 202-219-0808. (.WK1), 1/96.

Stock # 93007A	by State	\$45.00
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NEW. Rankings, 1994. 3.5" disk. Stock # 95180. \$25.00. Ranking of field crops, fruits, nuts, vegetables, livestock, and poultry by State and by commodity. Ranking is based on the 1994 production for crops, fruits, nuts, and vegetables; and inventory for livestock and poultry. George Patton, NASS, 202-720-9579. ASCII. 4/95.

Rankings, 1993. 3.5" disk. Stock # 93180. \$25.00. Ranking of field crops, fruits, nuts, vegetables, livestock, and poultry by State and by crop. Ranking is based on the 1993 production for crops, fruits, nuts and vegetables; and inventory for livestock and poultry. Also included are the top 100 counties for field crops as estimated by USDA-NASS for 1991 and 1992. George Patton, NASS, 202-720-9579. ASCII. 7/94.

State-Level Costs of Production. 3.5" disk. Stock # 92013. \$25.00. Costs of production, 1987-89, by selected States for nine major field crops including feed grains, wheat, rice, cotton, soybeans, and peanuts. Mir Ali, 202-219-0374. (.WK1), 5/92.

State Facts by FAX. 3.5" disk. Stock # 94015. \$25.00. An electronic version of the State fact sheets available through the ERS AutoFAX system. Includes a two-page fact sheet of farm and rural data for each of the 50 States and a summary of the United States. Tom Carlin, ERS, 202-219-0520. 12/95.

Structure of Farming

Corporate and Family Farms, David Banker (DBANKER), 202-219-0004
Farm Structure, David Banker (DBANKER), 202-219-0004

The New Generation of American Farmers: Farm Entry and Exit Prospects for the 1990's. *Research report*. 38 pp. October 1994. Stock # AER-695. \$9.00. Outlines demographic trends underway in U.S. farming today, and assesses their importance for shaping the farm sector as we move into the next century.

Structural and Financial Characteristics of U.S. Farms, 1991: 16th Annual Family Farm Report to Congress. *Research report*. 64 pp. June 1995. Stock # AIB-712. \$12.00. About 2.1 million farms operated 854 million acres of land in the contiguous United States in 1991. The average acreage operated was 407 acres per reporting farm, and gross farm sales averaged \$69,298.

Farm Structural Trends in the 1980's. *Research report*. 6 pp. June 1990. Stock # AIB-605. \$7.50. A snapshot of the farm sector, covering trends in farm numbers, size, sales, asset values, operator characteristics, and farmland, based on 1987 Census of Agriculture data.

Characteristics of Large-Scale Farms, 1987. *Research report*. 24 pp. April 1993. Stock # AIB-668. \$9.00. Uses 1987 data and earlier Census of Agriculture data to summarize the major structural and financial characteristics of large-scale farms.

Midsized Farms in 1987. *Research report.* 9 pp. April 1992. Stock # AIB-648. \$7.50. Shows characteristics of midsized farms (commercial farms with sales of \$50,000-\$249,999) and their operators, geographic distribution, participation in Government farm programs, and commodity specialization types.

Diversity in U.S. Agriculture: A New Delineation by Farming Characteristics. *Research report.* 19 pp. July 1991. Stock # AER-646. \$9.00. Provides a starting point for assessing regional differences in the effects of alternative public policies on the farm sector. Includes a multicolor map illustrating the diversity of crops grown in various U.S. counties.

Limited Opportunity Farm Households in 1988. *Research report.* 12 pp. February 1993. Stock # AIB-662. \$6.00. Discusses implications of a 1988 survey that shows 200,000 farm operator households had limited economic opportunities.

Women Farm Landlords in the United States. *Research report.* 11 pp. November 1993. Stock # AIB-681. \$7.50. Examines the extent of women's involvement in agricultural leasing, the characteristics of female landlords, and their participation in management decisions on their leased land.

Farm Financial Stress, Farm Exits, and Public Sector Assistance to the Farm Sector in the 1980's. *Research report.* 56 pp. April 1991. Stock # AER-645. \$9.00. Examines the ef-

fects of short-term economic events on farm exits, net changes in farm numbers, longrun trends in farm numbers, and public sector support for the farm sector.

Exits from Farming in Southwestern Wisconsin, 1982-86. *Research report.* 24 pp. February 1990. Stock # AER-631. \$9.00. Finds that one in every five farm operators in southwestern Wisconsin left farming in the early 1980's.

Effects of Population Growth and County Type on Farm Structure, 1970-80. Staff report. 20 pp. August 1989. Stock # AGES 8937. \$7.50.

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
NASS (720- phone numbers): @ag.gov

Farmworkers and Farm Employment

Employment and Wages, Jack Runyan (JRUNYAN), 202-219-0937
 Leslie Whitener (WHITENER), 202-219-0935
 Farm Labor Laws, Jack Runyan (JRUNYAN), 202-219-0937
 Farm Population, Calvin Beale (CBEALE), 202-219-0482
 Linda Swanson (LSWANSON), 202-219-0557
 Statistics, Eddie Oaks (EOAKS), 202-690-3228

Farm Labor. Subscription. 4 issues. Stock # PFL. 1 yr, \$17.00; 2 yrs, \$32.00; 3 yrs, \$48.00. February 13, May 14, August 13, November 13. Regional and national data for self-employed, unpaid, and hired workers and wage rates for the week including the 12th of the month for January, April, July, and October. Also hired worker numbers and wage rates for selected States. Selected annual average wage rates by States are published in November.

Where Do Farm Households Earn Their Income? Research report. 8 pp. February 1989. Stock # AIB-560. \$7.50. Examines the relative importance of farm and off-farm sources of income by type of farm, farm size, region, and proximity to metro employment centers.

Alternative Definitions of Farm People. Staff report. 36 pp. March 1989. Stock # AGES 89-9. \$9.00.

Economic Well-Being of Farm Operator Households, 1991-92. 3.5" disk. Stock # 95006A. \$25.00. Annual data on farm, operator, and economic characteristics of households that run farm businesses. Data are reported by age, commodity specialty, sales class, education, assets, net worth, income to household, debt, residency, financial performance, commodity programs, income and net worth, labor hours, land tenure, legal organization, occupation, nonfarm assets and debt, off-farm income, and more. Janet Perry, ERS, 202-219-0803. 4/95.

Farm Employment

Employment and Wages, Leslie Whitener (WHITENER), 202-219-0935
 Farm Labor Laws, Jack Runyan (JRUNYAN), 202-219-0937
 Rural Employment, Tim Parker, (TPARKER), 202-219-0541

U.S. Farm and Farm-Related Employment in 1991. Research report. 9 pp. April 1995. Stock # AIB-714. \$7.50. Farm and farm-related industries provided more than 21 million jobs, or 15.7 percent of U.S. employment, in 1991. These industries, however, employed 40,000 fewer workers in 1991 than in 1990.

The Farm Entrepreneurial Population, 1988-90. Research report. 33 pp. February 1993. Stock # RDRR-84. \$9.00. This report analyzes census data on income, education, and other characteristics of the farm entrepreneurial group.

Changes in Farm and Farm-Related Employment, 1975-89. Research report. 30 pp. April 1993. Stock # RDRR-85. \$9.00. Finds that farm and farm-related employment rose by 5.1 million jobs during 1975-89, but most of the growth was in off-farm agricultural wholesale and retail trade.

The Agricultural Work Force of 1987: A Statistical Profile. Research report. 40 pp. May 1989. Stock # AER-609. \$9.00. Discusses the demographic, employment, and regional characteristics of the agricultural work force, including hired farmworkers, farm operators, and unpaid farmworkers.

U.S. Farm and Farm-Related Employment in 1988: How Large, Important, and Regionally Different? Research report. 12 pp. December 1991. Stock # AIB-634. \$7.50.

Finds that farm and farm-related employment was 18 percent (23 million jobs) of total U.S. employment in 1988, using a broad definition of the agricultural sector.

A Summary of Federal Laws and Regulations Affecting Agricultural Employers, 1992. Research report. 30 pp. August 1992. Stock # AIB-652. \$9.00. Updating a popular 1989 publication, this report is a single-source reference that summarizes Federal laws and regulations governing employment, taxes, wages, and working conditions of agricultural workers. Includes an expanded section on agricultural employers' Federal safety and tax requirements and a new section on Federal equal opportunity guidelines.

A Summary of the Worker Protection Standard for Agricultural Pesticides. Research report. 10 pp. December 1993. Stock # AIB-680. \$9.00. All agricultural employers whose workers perform hand labor operations in fields, forests, nurseries, and greenhouses treated with pesticides in these locations are covered by the U.S. Environmental Protection Agency's worker protection standard issued August 21, 1992. This supplement to *A Summary of Federal Laws and Regulations Affecting Agricultural Employers, 1992* (AIB-652) summarizes this regulation.

A Review of Farm Accident Data Sources and Research. Bibliography. 19 pp. October 1993. Stock # BLA-125. \$9.00. Examines national sources of farm accident data and reviews selected farm safety studies on the nature and causes of farm injuries and illnesses, health and safety of youth, farm safety education, and methods of data collection.

U.S. Farm and Farm-Related Employment in 1989: Where Are Jobs in Farming and Its Related Industries Most Important? Research report. 10 pp. January 1993. Stock # AIB-654. \$6.00. Includes estimates of farm production jobs, agricultural service employment, and farm and farm-related employment statistics.

Employment Trends in Farm and Farm-Related Industries, 1975-87. Staff report. 39 pp. April 1991. Stock # AGES 9121. \$9.00.

Farm Employment and Wage Rates. Two 3.5" disks. Stock # 91005Z. \$35.00. U.S. and State/regional statistics on number of workers, average hours worked, and wage rates 1974-90. State/regional wage rates by quarter are shown for 1974-90 and wage rates by economic class and type of farm are included for 1987-90. Dean Groskurth, NASS, 202-720-3228. (.WK1), 5/91.

Farmworkers

Hired and Contract Labor in U.S. Agriculture, 1987: A Regional Assessment of Structure. *Research report.* 20 pp. May 1991. Stock # AER-648. \$9.00. Finds that U.S. farmers spent almost \$13 billion on hired and contract labor in 1987, about 12 percent of total farm production expenses.

A Profile of Hired Farmworkers, 1992 Annual Averages. *Research report.* 10 pp. July 1994. Stock # AER-693. \$9.00. Examines demographic and employment characteristics of the 848,000 persons 15 years of age and older who did hired farmwork in 1992.

Hired Farm Labor Use on Fruit, Vegetable, and Horticultural Specialty Farms. *Research report.* 28 pp. December 1993. Stock # AER-676. \$9.00. Fruit, vegetable, and horticultural (FVH) specialty farms are the largest users of hired and contract labor on a per-farm basis, requiring a large number of workers for short, intermittent periods during critical planting and harvest seasons.

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NASS (720- phone numbers): @ag.gov

Trends in the Hired Farm Working Force, 1945-87.

Research report. 16 pp. April 1989. Stock # AIB-561.

\$7.50. Examines factors behind the historical trends in the size and composition of the hired farm workforce.

Labor Expenditures Help Determine Farms Affected by Immigration Reform. *Research report.* 16 pp. April 1989. Stock # AIB-557. \$7.50. Focuses on farms that reported labor expenditures in 1986 in terms of commodities produced, sales class, and location to identify farms most vulnerable to a reduced supply of farmworkers.

Nonfarm Employment of Farm Operators, Hired Farmworkers, and Unpaid Farmworkers. *Research report.* 20 pp. January 1990. Stock # AER-624. \$7.50. Looks at age of worker, education level, minority status, head of household status, days spent doing farmwork, and residence in metropolitan areas and how these factors affect hired farmwork.

A Geographic Analysis of Seasonal Agricultural Services Farms. *Research report.* 19 pp. March 1992. Stock # AIB-645. \$7.50. This report details labor expenditure data to determine location and types of seasonal agricultural services (SAS) farms (36 percent of them in Florida and California) that used the most farm labor.

Characteristics of Agricultural Work Force Households, 1987. *Research report.* 8 pp. August 1990. Stock # AIB-612. \$7.50. Spotlights those households most affected by farm job loss.

Estimating Farm Labor Elasticities to Analyze the Effects of Immigration Reform. *Staff report.* 20 pp. February 1990. Stock # AGES 9013. \$9.00.

Will Immigration Reform Affect the Economic Competitiveness of Labor-Intensive Crops? *Staff report.* 28 pp. May 1991. Stock # AGES 9126. \$9.00.

Field Crops

Barley and Oats, Peter Riley (PARILEY), 202-501-8512
 Corn, Peter Riley (PARILEY), 202-501-8512
 Cotton, Robert Skinner (RSKINNER), 202-219-0767
 Feed Grains Statistics, William Dowdy (WDOWDY), 202-720-3843
 Hay, Allen Baker (ALBAKER), 202-219-0360
 Production and Stocks, C. Ray Halley (RHALLEY), 202-720-2127
 Rice, Randall Schnepp (RSCHNEPP), 202-501-8513
 Sorghum, Peter Riley (PARILEY), 202-501-8512
 Soybeans and Sunflowers, Mark Ash (MASH), 202-219-0712
 Wheat, Ed Allen (EALLEN), 202-219-0831
 World Feed Grains, Carol Whitton (CWHITTON), 202-219-0825

World Agricultural Supply and Demand Estimates.

Subscription. 12 issues. Stock # WASDE. 1 yr, \$35; 2 yrs, \$70; 3 yrs, \$105. Stock # WASDE-BB. Issued monthly, WASDE provides the most current USDA forecasts of U.S. and world supply-use balances of major grains, soybeans and products, and cotton; and U.S. supply and use of sugar and livestock products.

Feed Yearbook. Annual report. Stock # FDS-1995.

(Please note: No feed yearbook will be published in 1996.)

\$15.00. Statistical data for the four feed grains: corn, sorghum, barley, and oats. Covers stocks, production, trade, and domestic use, prices. In addition to a short narrative, the report contains tables of recent and forecast data for supply and use, selected grain and feedstuff prices, feed and residual use, food and industrial use of corn, and trade. Free monthly updates are released electronically via the Internet, ERS AutoFAX, and the ERS electronic bulletin board. For more information, see page 4.

Crop Production. Subscription. 12 monthly issues plus five supplements. Stock # PCP. 1 yr, \$49.00; 2 yrs, \$96.00; 3 yrs, \$144.00.

January 10: Hay stocks on farms December 1, 1995; indicated production of 1995-96 citrus fruits; papaya acreage and production; indicated cottonseed production; area planted and harvested, yield, and production of cotton and winter potatoes. Revised acreage, yield, and production for 1995 spring potatoes.

February 9: Indicated production of 1995-96 citrus fruits;* papaya acreage and production. Area harvested, yield, and production of sugarcane for 1994. Revised acreage, yield, production, price, and value for 1995 CA walnuts and almonds. Starred (*) data are released at 3 p.m. on February 8 and will be available on CIDS or for pickup in Rm. 5829-S.

March 12: Indicated production of 1995-96 citrus fruits;* papaya acreage and production. Area harvested, yield, and production of sugarcane for 1995. Starred (*) data are released at 3 p.m. on March 11 and will be available on CIDS or for pickup in Rm. 5829-S.

April 11: Indicated production of 1995-96 citrus fruits;* papaya acreage and production; area planted and harvested, yield, and production of winter and spring potatoes. Revisions for acreage, yield, and production of 1995 peanuts; also revised price and value of 1995 peanuts. Monthly marketings of peanuts for 1995; revised production, utilization, price, and value for 1994-95 CA "Other Areas" grapefruit.* Starred (*) data

are released at 3 p.m. on April 10 and will be available on CIDS or for pickup in Rm. 5829-S.

May 10: Winter wheat indicated area harvested, yield, production, and U.S. production by class as of May 1. Indicated area harvested, yield, and production for durum wheat (AZ and CA) and spring potatoes; indicated production of 1995-96 citrus fruits,* and almonds; papaya acreage and production; acreage, yield, production utilization, price, and value for 1995-96 and revised 1994-95 avocados (FL and HI). Hay stocks on farms May 1. Monthly percent marketings of tobacco by farmers for 1995 and cotton lint* for 1994 and 1995 crops. Revised 1995 acreage, yield, production, and value of cotton lint* and tobacco (by type and class) and lint/seed ratio* for major cotton States. Revised 1995 and final revisions for 1994 production, disposition, and value of cottonseed;* revision of 1995 almond production. Revised acreage, yield, and production of 1995 crop bananas, papayas, and taro. Objective survey data for cotton: number of cumulative bolls and harvest loss. Starred (*) data are released at 3 p.m. on May 9 and will be available on CIDS or for pickup in Rm. 5829-S.

June 12: Winter wheat indicated area harvested, yield, production, and U.S. production by class as of June 1; durum wheat indicated area harvested, yield and production for AZ and CA; indicated production of peaches (CA, GA, SC), Bartlett pears (CA, OR, WA), sweet cherries (CA, OR, WA), apricots (CA), prunes (CA), almonds and 1995-96 citrus fruits;* hop acres strung for harvest by variety; papaya acreage and production; maple syrup production, price, and value. Revisions for acreage, yield, production, and value of 1995 sugarbeets and sugarcane. Revised planted and harvested acres, yield, and production for 1995 sweetpotatoes. Revised 1995 production of Bartlett pears (CA, OR, WA) and prunes (CA). Revised 1995 maple syrup production, price, and value. Starred (*) data are released at 3 p.m. on June 11 and will be available on CIDS or for pickup in Rm. 5829-S.

July 12: Indicated area harvested, yield, and production as of July 1 for all wheat, winter wheat, durum wheat, other spring wheat, oats, barley, flue-cured tobacco, and summer potatoes. Planted acres and indicated area harvested for fall potatoes. Percent of acreage planted for 1996 fall potatoes by types (11 major States). Acreage planted for certified seed potatoes (fall States). U.S. production of wheat by class, apricots, peaches, almonds, walnuts, and 1995-96 citrus fruits,* grapes (CA), papaya acreage and production. Starred (*) data are released at 3 p.m. on July 11 and will be available on CIDS or for pickup in Rm. 5829-S.

August 12: Updated planted acreage - all crops, if changed; indicated area harvested, yield, and production as of August 1 for corn for grain, all wheat, winter wheat, durum wheat, other spring wheat, oats, barley, cotton,* rice, hay, sorghum for grain, dry edible beans, soybeans for beans, peanuts for nuts, tobacco (by type and class), sugarbeets, sugarcane for sugar and seed, and hops; indicated cottonseed* production. Indicated U.S. production of wheat and rice by class, commercial apples, peaches, pears, grapes, olives (CA), prunes and plums (ID, MI, OR, WA); papaya

Field Crops

acreage and production. Revised acreage, yield, and production of tobacco Type 32 for 1995. Revised production of 1995-96 coffee. Starred (*) data are released at 3 p.m. on August 9 and will be available on CIDS or for pickup in Rm. 5829-S.

September 11: Indicated area harvested, yield, and production as of September 1 for corn for grain, all wheat, durum wheat, other spring wheat, barley, cotton,* rice, sorghum for grain, soybeans for beans, peanuts for nuts, summer potatoes, tobacco (by type and class), sugarbeets, sugarcane for sugar and seed; indicated cottonseed* production; 1996-97 production for CA Navel oranges. Indicated U.S. production of wheat and rice by class, hazelnuts, walnuts, and pecans; papaya acreage and production. Revised area planted and harvested, yield, and production of 1995 potatoes (all seasons). Preliminary production for 1995-96 citrus* and revised for 1994-95 crop. Cropping practice data for selected States; corn: plant populations; soybeans: number of pods with beans per 18 square feet; and cotton: cumulative boll counts. Starred (*) data are released at 3 p.m. on September 10 and will be available on CIDS or for pickup in Rm. 5829-S.

October 11: Indicated area harvested, yield, and production as of October 1 for corn for grain, cotton,* rice, sorghum for grain, hay, dry edible beans, dry edible peas, Austrian winter peas, lentils, soybeans for beans, peanuts for nuts, sunflower, tobacco (by type and class), sugarbeets, sugarcane for sugar and seed; indicated cottonseed* production. Area planted for dry edible peas, Austrian winter peas, and lentils. Indicated U.S. production of rice by class, commercial apples, grapes, hazelnuts, pecans, and 1996-97 citrus fruits;* papaya acreage and production. Revised acreage, yield, and production for soybeans, sunflower, dry edible peas, Austrian winter peas, and lentils for 1995. Cropping practice data for selected States; corn: number of ears per acre. Starred (*) data are released at 3 p.m. on October 10 and will be available on CIDS or for pickup in Rm. 5829-S.

November 12: Indicated area harvested, yield, and production as of November 1 for corn for grain, cotton,* rice, sorghum for grain, soybeans for beans, peanuts for nuts, tobacco (by type and class), sugarbeets, and sugarcane for sugar and seed; indicated cottonseed* production. Planted acres, indicated area harvested, yield, and production of fall potatoes. Percent of 1996 fall potatoes planted by variety. Indicated U.S. production of rice by class; hazelnuts, and 1996-97 citrus fruits;* papaya acreage and production. Cropping practice data for selected States; corn plant population and number of ears and row width; soybean row width and pods with beans per 18 square feet, and cotton* cumulative boll counts. Starred (*) data are released at 3 p.m. on November 8 and will be available on CIDS or for pickup in Rm. 5829-S.

December 12 . Indicated area harvested, yield, and production of burley tobacco, cotton,* sugarcane for sugar and seed, and dry edible beans; also planted acreage and production by commercial class for dry edible beans. Indicated production of cottonseed,* pecans, and 1996-97 citrus

fruits;* papaya acreage and production. Monthly marketings of corn, sorghum, barley, oats, wheat, cotton,* soybeans, flaxseed, hay, peanuts, and dry edible beans. Revised acreage, yield, production, and production by commercial class of dry edible beans for 1995. Starred (*) data are released at 3 p.m. on December 11 and will be available on CIDS or for pickup in Rm. 5829-S.

Annual Summary: January 11. Acreage, yield, and production data for 1995 and revised for 1994. (State estimates for noncitrus fruits and nuts included in "Noncitrus Fruits and Nuts—Preliminary.")

Winter Wheat and Rye Seedings: January 11. Seeded acreage of 1996 winter wheat and rye crops; seedings of durum wheat (AZ and CA).

Prospective Plantings: March 29. Expected plantings as of March 1 for corn, all wheat, winter wheat, durum wheat, other spring wheat, oats, barley, flaxseed, cotton, rice by length of grain classes, all sorghum, sweetpotatoes, dry edible beans, soybeans, sunflower, peanuts, and sugarbeets; acreage for harvest of oats, hay, and tobacco.

Acreage: June 28. Planted area by State for corn, soybeans, winter wheat, spring wheat, durum wheat, oats, barley, rye, sorghum, rice by length of grain, peanuts, oil and non-oil sunflower, flaxseed, canola, rapeseed, safflower, mustard seed, cotton, dry beans, summer potatoes, sweetpotatoes, and sugarbeets; harvested area for corn for grain, soybeans for beans, winter wheat, spring wheat, durum wheat, oats, barley, rye, sorghum for grain, rice by length of grain, peanuts, oil and non-oil sunflower, flaxseed, canola, rapeseed, safflower, mustard seed, dry beans, summer potatoes, sweetpotatoes, and sugarbeets; harvested area only for alfalfa hay, other hay, tobacco, and sugarcane.

Small Grains: September 30. Acreage, yield, and production of wheat, oats, barley, and rye for 1996, including revised data for 1995 and U.S. production of wheat by class.

Crop Progress. *Subscription.* 36 issues, Mondays during growing season, Apr-Nov. Stock # PCR. 1 yr, \$53.00; 2 yrs, \$104.00; 3 yrs, \$156.00.

Issued weekly during the growing season; this report lists planting, fruiting, and harvesting progress and overall condition of selected crops in major producing States. The data, summarized by crop and by State, are republished along with any revisions in the *Weekly Weather and Crop Bulletin*.

Crop Values. *Annual report,* February 15. Stock # ZCV-96. \$9.00. Marketing year average prices and value of production of principal crops, preliminary 1995 and revised 1993 and 1994. Note: State estimates for fruits and nuts included in "Noncitrus Fruits and Nuts, Preliminary." State estimates for vegetables included in "Vegetables 1995 Summary."

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Stocks of Grains, Oilseeds, and Hay, 1988-1993. Stock # 94897. December 1994.
Rice Stocks, 1988-1993. Stock # 94898. December 1994.
Vegetables, 1987-1992. Stock # 95902. January 1995.
Sheep and Goats, 1989-1993. Stock # 95906. January 1995.
Chicken and Eggs, 1988-1993. Stock # 95908. January 1995.
Cattle, 1989-1993. Stock # 95905. January 1995.

Milk, 1988-1992. Stock # 95909. February 1995.
Turkeys, 1988-1993. Stock # 95911. March 1995.
Honey, 1986-1992. Stock # 95912. March 1995.
Meat Animals, Production, Disposition, and Income, 1988-1992. Stock # 95907. March 1995.
Poultry Production and Value, 1988-1993. Stock # 95910. May 1995.
Non-citrus Fruits and Nuts, 1987-1992. Stock # 95900. May 1995.
Farms and Land in Farms, 1987-1993. Stock # 95895. July 1995.
Citrus Fruits, 1987-1992. Stock # 95899. August 1995.
Potatoes and Sweetpotatoes, 1987-1992. Stock # 95901. August 1995.
Crop Values, 1987-1992. Stock # 95903. September 1995.

Grain Stocks. *Subscription.* 4 issues. Stock # PGS. 1 yr, \$18.00; 2 yrs, \$34.00; 3 yrs, \$51.00.

January 11: Stocks of all wheat, durum wheat, corn, sorghum, oats, barley, and soybeans on December 1, 1995, by States; revisions of all wheat, durum wheat, corn, oats, barley, sorghum, soybeans, flaxseed, rye, and sunflower for 1995. Number and capacity of off-farm storage facilities and capacity of on-farm storage facilities on December 1, 1995.

March 29: Stocks of all wheat, durum wheat, corn, sorghum, oats, barley, and soybeans on March 1 by States and previous quarter revisions.

June 28: Stocks of all wheat, durum wheat, corn, oats, barley, sorghum, soybeans, flaxseed, canola, rapeseed, and rye on June 1 by States and previous quarter revisions.

September 30: Stocks of all wheat, durum wheat, corn, oats, barley, soybeans, sorghum, sunflower, safflower, and mustard seed on September 1 by States and previous quarter revisions. Revised acreage, yield, and production of 1996 soybeans.

Hop Stocks. *Subscription.* 2 issues, March 25 and September 19. Stock # PHS. 1 yr, \$14.00; 2 yrs, \$26.00; 3 yrs, \$39.00. Grower, dealer, and brewer stocks March 1 and September 1 for the U.S.

Where Major U.S. Crops Are Grown. *Special report.* 16 pp. December 1992. Stock # FARM-92. \$7.50. This series of maps depicts U.S. crops (corn, soybeans, cotton, wheat, rice, peanuts, and tobacco) and the U.S. regions where their production is concentrated.

Commercial U.S. Feed Grain Farms: Financial Performance, 1987-91. *Research report.* 28 pp. February 1995. Stock # AER-702. \$9.00. More than 80 percent of commercial grain farmers realized positive incomes over 1987-91. This report details the characteristics of these farms according to region, age of operator, land tenure, and financing.

Leading Commodity Cash Receipts, 1960-87. *Statistical bulletin.* 132 pp. March 1989. Stock # SB-777. \$15.00. Presents data on cash receipts for 25 leading commodities by State to reflect production and sales of each commodity in each State.

Ranking of States and Commodities by Cash Receipts, 1992. *Statistical bulletin.* 89 pp. December 1993. Stock # SB-871. \$12.00. Identifies 25 leading agricultural commodities produced nationally and in each State, ranked by the value of cash receipts.

Approaches to Modeling Retail-Farm Price Spreads and Derived Demand Relationships for Food Commodities: A Selected, Annotated Bibliography. *Staff report-bibliography.* 35 pp. July 1991. Stock # AGES 9136. \$9.00.

Crop Values: Final Estimates, 1987-92. *Statistical bulletin.* September 1995. Stock # SB-903. \$10.00.

Field Crops: Final Estimates, 1987-92. *Statistical bulletin.* December 1994. Stock # SB-896. \$10.00.

Stocks of Grains, Oilseeds and Hay: Final Estimates, 1988-93. *Statistical bulletin.* December 1994. Stock # SB-897. \$10.00.

The U.S. Milling and Baking Industries. *Research report.* 74 pp. December 1989. Stock # AER-611. \$12.00. Describes the milling and baking industries' structure, conduct, and performance, and examines current trends.

Effects of Railroad Deregulation on Grain Transportation. *Research report.* 52 pp. June 1989. Stock # TB-1759. \$9.00. Looks at how shippers now benefit from increased competition among railroads and from reductions in rail costs.

WASDE Crop, Livestock, and Dairy Estimates. *Two 3.5" disks.* Stock # 95501. \$35.00. All U.S. crop estimates from the *World Agricultural Supply and Demand Estimates* (WASDE) report for issues 1-296 (1973-94) and all U.S. estimates for livestock and dairy from 1982-94. Data are those actually published, beginning with marketing year 1973/74. Contents include data for cotton, rice, long grain rice, short- and medium-grain rice, soybeans, soymeal, soyoil, total feed grains, corn, sorghum, barley, oats, wheat, and wheat by class (hard winter, hard spring, soft red, white, and durum). Livestock and egg data on an annual basis and dairy on a fiscal year basis. Red meats include beef, pork, veal, lamb, and mutton. Chung Yei, WAOB, 202-720-8760, or David Stallings, WAOB, 202-720-5715. (WK1). 1/95.

Field Crops

Crops County Data. 3.5" disks. Planted and harvested acreage, yield per harvested acre, and total production by county and Crop Reporting District. Files include data by cropping practice (such as irrigated and non-irrigated). Jim Brueggen, NASS, 202-720-7018 ASCII, self-extracting, compressed, 10/95. Note: Each disk has about 25 separate data files occupying about 7 MB uncompressed.

Stock # 93100A	1972-88 (ten disks)	\$125.00
Stock # 93100B	1989-90 (one disk)	\$25.00
Stock # 93100C	1991-92 (one disk)	\$25.00
Stock # 95100D	1993-94 (one disk)	\$25.00

Crop Progress and Condition. 3.5" disk. Stock # 93115. \$25.00. State-level estimates for corn, cotton, all rice, sorghum, soybeans, and all wheat. Weekly estimates of crop progress and conditions for 1985-94. Greg Preston, NASS, 202-720-7621. ASCII. 1/95.

Prices Received by Farmers for Field Crops. 3.5" disk. Stock # 92151. \$25.00. January 1984 to February 1992, State and U.S. level monthly prices for most major field crops. Herb Vanderberry, NASS, 202-720-5446. (.WK1), 3/92.

NEW. Agricultural Chemical Usage, 1994 Field Crops Summary. 3.5" disk. Stock # 95171. \$25.00. State and U.S. fertilizer and pesticide use data for corn, cotton, soybeans, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Also includes data on target pest by pesticide active ingredient for fall potatoes is included. Van Johnson, NASS, 720-7492. ASCII files, 3/95.

Agricultural Chemical Usage, 1993 Field Crop Summary. 3.5" disk. Stock # 94171. \$25.00. U.S. and State fertilizer and pesticide use data for corn, cotton, soybeans, wheat, and fall potatoes. Includes pesticide use data by active ingredient, application rates, and acres treated. Also includes data on target pest by pesticide active ingredient for fall potatoes. Van Johnson, NASS, 202-720-7492. ASCII files, 3/94.

Agricultural Chemical Usage, 1992 Field Crops Summary. 3.5" disk. Stock # 93171. \$25.00. State and U.S. fertilizer and pesticide use data for corn, cotton, rice, soybeans, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Data on target pest by pesticide product for fall potatoes are also included for the first time. Van Johnson, NASS, 202-720-7492. ASCII, 3/93.

Agricultural Chemical Usage, 1991 Field Crops Summary. 3.5" disk. Stock # 92171. \$25.00. State and U.S. fertilizer and pesticide use data for corn, cotton, peanuts, rice, sorghum, soybeans, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Van Johnson, NASS, 202-720-7492. ASCII, 3/92.

NEW. Crops by State, Historic. 3.5" disk. Stock # 95111. \$25.00. State-level estimates for barley, corn, cotton, oats, sorghum, soybeans, and wheat. Planted, harvested acreage, yield per harvested acre, and total production for some commodities date back to 1866 and go through 1994. The market year average price and total value of production are also included for 1988-94. Bill Dowdy, NASS, 202-720-3843. [ASCII, comma delimited], 7/95.

Background for 1995 Farm Legislation

Congress is considering legislation to replace the expiring Food, Agriculture, Conservation, and Trade Act of 1990. In preparation for these deliberations, the U.S. Department of Agriculture and other groups studied previous legislation to see what lessons could be learned that are applicable to the 1990's and beyond. The following reports summarize the experience with various farm programs and the key characteristics of the commodities and the industries that produce them. See back cover for package of all reports!

Dairy: Background for 1995 Farm Legislation. Stock # AER-705. \$9.00. April 1995.

Cotton: Background for 1995 Farm Legislation. Stock # AER-706. \$9.00. April 1995.

Federal Marketing Orders and Federal Research and Promotion Programs: Background for 1995 Farm Legislation. Stock # AER-707. \$9.00. May 1995.

Honey: Background for 1995 Farm Legislation. Stock # AER-708. \$9.00. April 1995.

Tobacco: Background for 1995 Farm Legislation. Stock # AER-709. \$9.00. April 1995.

Peanuts: Background for 1995 Farm Legislation. Stock # AER-710. \$9.00. April 1995.

Sugar: Background for 1995 Farm Legislation. Stock # AER-711. \$12.00. April 1995.

Wheat: Background for 1995 Farm Legislation. Stock # AER-712. \$9.00. April 1995.

Rice: Background for 1995 Farm Legislation. Stock # AER-713. \$12.00. April 1995.

Feed Grains: Background for 1995 Farm Legislation. Stock # AER-714. \$9.00. April 1995.

Oilseeds: Background for 1995 Farm Legislation. Stock # AER-715. \$9.00. May 1995.

Agricultural Export Programs: Background for 1995 Farm Legislation. Stock # AER-716. \$9.00. May 1995.

Feed Grain Data by States, 1949-86. Two 3.5" disks. Stock # 87013. \$35.00. Acreage planted and harvested, yield, production, quantity used on farms and sold, season average price, value of production, and value of sales for corn, grain sorghum, oats, and barley. (7/87; archived 1/96).

Feed Grain Yearbook. 3.5 disk. Stock # 88007B. \$25.00. U.S. feed grain acreage, production, supply, trade, use, and prices for 1950-92. Also includes data for hay and feed-stuffs. (WK1), 12/95. Jenny Gonzalez, ERS, 202-219-0704.

Feed Manufacturing. 3.5" disk. Stock # 89005. \$25.00. Extensive State and regional data for 1984 on the livestock feed manufacturing industry, including location, capacity, employment, and form of ownership as well as data on feed production and ingredient use. Mark Ash, ERS, 202-219-0712. (WK1), 10/88.

Corn

Corn, Peter Riley (PARILEY), 202-501-8512
Statistics, Charles VanLahr (CVANLAHR), 202-720-7369
World, Carol Whitton (CWHITTON), 202-219-0825

Corn: State-Level Production Costs, Characteristics, and Input Use, 1991. Statistical bulletin. 32 pp. September 1994. Stock # SB-891. \$9.00. Presents State-level corn production cost and return estimates for the 1991 production year, along with coefficients of variation for each cost item.

Effects of Government Programs on Corn Production Costs and Returns, 1991 and 1992. Research report. 12 pp. June 1994. Stock # AIB-701. \$7.50. Shows that producer participation and annual price and yield conditions have the greatest influence on the extent to which Government programs enhance returns to corn production.

The Role of Quality in Corn Import Decisionmaking. Research report. 43 pp. June 1994. Stock # AER-684. \$9.00. This report examines the market structure and import decisionmaking process in key corn-importing countries.

Economic Implications of Cleaning Corn in the United States. Research report. 28 pp. June 1994. Stock # AER-686. \$9.00. Although foreign buyers prefer low BCFM (broken corn and foreign material) corn, this report finds that cleaning is not the solution to quality issues associated with U.S. corn cleanliness.

Costs and Benefits of Cleaning U.S. Corn: Overview and Implications. Research report. 32 pp. June 1994. Stock # AER-688. \$9.00. According to this report, importers regard corn price, not quality, as the most important criterion in purchasing decisions.

Characteristics and Production Costs of U.S. Corn Farms, 1991. Research report. 20 pp. January 1994. Stock # AIB-691. \$9.00. Compares selected farm characteristics and production costs among corn producers.

Representative U.S. Corn Farms, 1987. Statistical bulletin. 60 pp. April 1991. Stock # SB-820. \$12.00. Discusses differences in the organization and financial structure of U.S.

corn farms in major producing States and in small, mid-sized, and large corn farms in three regions in 1987.

Financial Performance of Specialized Corn-Soybean Farms, 1987. Research report. 12 pp. January 1990. Stock # AIB-583. \$7.50. Finds that specialized corn-soybean farms fared better financially in 1987 than most other specialized commodity farms.

Optimal Futures Positions for Corn and Soybean Growers Facing Price and Yield Risk. Research report. 48 pp. March 1989. Stock # TB-1751. \$9.00. NOTE: Limited copies; please call to verify availability. Presents a model of futures trading for crop producers with random yields.

Corn: State-Level Costs of Production, 1986-88. Staff report. 35 pp. June 1990. Stock # AGES 9045. \$9.00.

Corn: State Costs of Production. 3.5" disk. Stock # 94018. \$25.00. 1991 production costs and returns data for 10 corn-producing States. Includes quantities of selected inputs and data on machinery used in corn production. Mir Ali, ERS, 202-219-0374. (WK1), 9/94.

U.S. Corn and Soybean Weather/Production Models. 3.5" disk. Stock # 92001. \$25.00. Spreadsheet models to calculate corn and soybean yields, harvested acreages, and production for States, regions, and the United States based on planted acreages, weather, and fertilizer applications on corn. Lloyd Teigen, ERS, 202-219-0718. (WK1), 12/91.

Cotton

Economics, Robert Skinner (RSKINNER), 202-219-0767
Leslie Meyer (LMAYER), 202-501-8528
Statistics, Roger Latham (RLATHAM), 202-720-5944
World Cotton, Steve MacDonald, (MACDONALD), 202-219-1179

Cotton Ginnings. Subscription. 13 issues mailed approximately twice per month during Aug-Mar ginning season, plus annual summary. Stock # PCG. 1 yr, \$28; 2 yrs, \$54; 3 yrs, \$81.

Jan 10, Jan 25, Feb 8, Mar 25, Aug 9, Sep 10, Sep 26, Oct 10, Oct 24, Nov 8, Nov 25, Dec 11, Dec 23. Running bales ginned to date for all cotton and American-Pima cotton by State. County ginnings, relating to first-of-month, are released with mid-month State ginnings. The March report contains running bales ginned, 480-pound bales ginned, and average bale weight for 1995 by State.

Cotton Ginnings Annual: May 9. Running bales ginned, 480-pound bales produced, average bale weight, and number of active cotton gins by State and county for each survey period.

Cotton and Wool Yearbook. Annual report. November 1996. Stock # CWS-1996. \$15.00. Statistical data on domestic and world cotton production, consumption, export sales, use, and prices, as well as the outlook for domestic and world wool. Free monthly updates are released electronically via the Internet, ERS AutoFAX, and the ERS electronic bulletin board. For more information, see page 4.

Field Crops

Financial and Structural Characteristics of U.S. Commercial Cotton Farms, 1991-92. *Research report.* 19 pp. June 1995. Stock # AIB-715. \$9.00. Commercial cotton farms contribute about two-thirds of all U.S. cotton production. Approximately two-thirds of these farms had positive net farm income in 1991 and 1992.

Cotton Ginning Charges, Harvesting Practices, and Selected Marketing Costs, 1993/94 Season. *Statistical bulletin.* 4 pp. March 1995. Stock # SB-918. \$7.50. This brief statistical review finds that the average charge for saw-ginning and wrapping a 480-pound net-weight bale of cotton in the United States was \$43.28 per bale during the 1993/94 season, compared with \$42.50 in 1992/93.

Cotton Production Costs Vary Widely by Region, Yield, and Operation Size. *Research report.* 11 pp. January 1991. Stock # AIB-617. \$7.50. Describes the cost of producing cotton in 1987 to see how yield, size, irrigation and other inputs, land tenure, and producer age and education affected cotton production costs among and within regions.

Cotton Production and Water Quality: An Initial Assessment. *Staff report.* 28 pp. February 1991. Stock # AGES 9105. \$9.00.

Cotton Agricultural Chemical Use and Farming Practices in 1989: An Overview of Survey Results. *Staff report.* 17 pp. December 1990. Stock # AGES 9076. \$7.50.

Cotton: State-Level Costs of Production, 1986-88. *Staff report.* 27 pp. September 1990. Stock # AGES 9061. \$9.00.

Cotton and Wool Yearbook. 3.5" disk. Stock # 89004. \$25.00. U.S. cotton and wool production, supply, use, trade, and price statistics, 1960-94. Includes domestic and world price series and indexes; State cotton acreage, yield, and production data; and conversions of U.S. textile imports and exports to raw fiber equivalents. Leslie Meyer, ERS, 202-501-8528. (WK1), 10/95.

Peanuts

Economics, Scott Sanford (SSANFORD), 202-219-0835
Statistics, Barbara Soltes (BSOLTES), 202-720-7688

Peanut Stocks and Processing. *Subscription.* 12 issues. Stock # PPS. 1 yr, \$26.00; 2 yrs, \$50.00; 3 yrs, \$75.00.

Jan 26, Feb 28, Mar 28, Apr 30, May 28, Jun 26, Jul 26, Aug 26, Sep 27, Oct 29, Nov 27, Dec 27. Stocks end of previous month; millings, production, and disappearance of milled products, previous month for the U.S. Preliminary season totals shown in August release. Revised season totals shown in September release.

Peanuts: State-Level Production Costs, Characteristics, and Input Use, 1991. *Statistical bulletin.* 29 pp. September 1994. Stock # SB-890. \$9.00. Presents State-level production cost and return estimates for 1991 obtained from USDA's Farm Costs and Returns Survey, along with coefficients of variation for each cost item.

Characteristics and Production Costs of U.S. Peanut Farms, 1991. *Research report.* 19 pp. September 1994. Stock # AIB-703. \$9.00. Finds that producing a pound of peanuts cost U.S. farmers 15.2 cents in variable cash expenses in 1991. Individual farm costs ranged from about 3 cents per pound to more than 72 cents.

Peanuts: State-Level Costs of Production, 1986-88. *Staff report.* 24 pp. September 1990. Stock # AGES 9063. \$9.00.

Peanuts: State Costs of Production. 3.5" disk. Stock # 94019. \$25.00. 1991 production costs and returns data for 7 peanut-producing States. Includes quantities of selected inputs and data on machinery used in peanut production. Nora Brooks, ERS, 202-219-0384. (WK1), 9/94.

Rice

Economics, Randall Schnepp (RSCHNEPF), 202-501-8513
Statistics, Daniel Kerestes (DKERESTES), 202-720-9526

Rice Stocks. *Subscription.* 4 issues. Jan 11, Mar 29, Aug 30, Oct 31. Stock # PRS. 1 yr, \$17.00; 2 yrs, \$32.00; 3 yrs, \$48.00. Rough and milled rice stocks on and off farms, December 1, 1995, March, August, and October by States; and stocks by length of grain classes (five Southern States and CA). October report is for CA only.

Rice Yearbook. *Annual report.* November 1996. Stock # RCS-1996. \$15.00. Historical data tables covering U.S. rough, milled, long-grain, and medium-short grain rice: supply disappearance, acreage, yield, production, stocks, byproducts, brewers' use, exports, as well as U.S. and international prices. Free monthly updates are released electronically via the Internet, ERS AutoFAX, and the ERS electronic bulletin board. For more information, see page 4.

The U.S. Rice Industry. *Research report.* 162 pp. September 1994. Stock # AER-700. \$15.00. A comprehensive examination of the U.S. rice industry: characteristics, supply, domestic demand, prices, rice quality, marketing system, policy, and trade. The industry, including handlers, dryers, millers, processors, and traders, is more vertically integrated than other grain markets.

U.S. Rice Distribution Patterns, 1988/89. *Statistical bulletin.* 48 pp. April 1992. Stock # SB-836. \$9.00. Detailed data on domestic rice shipments and distribution.

Characteristics and Production Costs of U.S. Rice Farms, 1988. *Research report.* 20 pp. October 1992. Stock # AIB-657. \$7.50. Compares selected farm characteristics and production costs among rice producers grouped by variable costs, enterprise size, and production region.

U.S. Rice Production Practices and Costs, 1988. *Statistical bulletin.* 64 pp. May 1992. Stock # SB-837. \$12.00. Surveys U.S. rice growers in six major producing areas to gather data on seeding, fertilization, pesticides, irrigation, trucks and tractors, field operations on planted acreage and set-aside acreage, and drying.

Effects of Government Programs on Rice Production

Costs and Returns. *Research report.* 12 pp. March 1990. Stock # AIB-597. \$7.50. This analysis, the first of its kind to show direct effects of Government programs, finds gross returns, production costs, and net returns to be higher when Government payments are included in the costs/returns calculations.

Rice Stocks: Final Estimates, 1988-93. *Statistical bulletin.* December 1994. Stock # SB-898. \$10.00.

U.S. Rice Industry. Two 3.5" disks. Stock # 94020. \$35.00. U.S. and State data on rice acreage, yield, and production, 1960-93; production by type of grain, 1960-93; production costs and returns, 1975-91; prices, 1960-93; and world rice supply, use, and trade, 1960-94. Parveen Setia, ERS, 202-501-8359. 9/94.

Rice Yearbook. 3.5" disk. Stock # 89001. \$25.00. U.S. rice production, supply, disappearance, trade, and price data, 1970-90. Includes State acreage, yield, and production data; U.S. and world price series; and price support program statistics. Jenny Gonzalez, ERS, 202-219-0704. (.WK1), 12/95.

Sorghum

Economics, Peter Riley (PARILEY), 202-501-8512
Statistics, Vaughn Siegenthaler (VSIEGENTHALER), 202-720-8068
World Sorghum, Carol Whitton (CWHITTON), 202-219-0825

Characteristics and Production Costs of U.S. Grain Sorghum Farms, 1990. *Research report.* 19 pp. February 1993. Stock # AIB-661. \$9.00. Discusses U.S. production of 573 million bushels of grain sorghum on 9.1 million acres in 1990.

Effects of Government Programs on Sorghum Production Costs and Returns, 1990. *Research report.* 6 pp. December 1993. Stock # AIB-689. \$7.50. Shows that net returns after cash expenses increased from \$22.27 to \$43.27 per planted acre of grain sorghum in 1990 when the direct effects of programs were included in the estimates.

Soybeans and Oil Crops

Soybeans and Sunflowers, Mark Ash (MASH), 202-219-0712
Scott Sanford (SSANFORD), 202-501-0835
Statistics, Daniel Kerestes (DKERESTES), 202-720-9526
World Oil Crops, Jaime Castaneda (JAIMEC), 202-219-0826

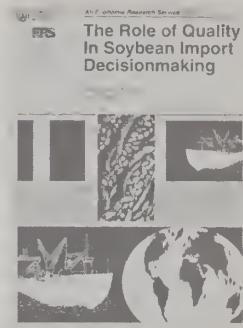
Oil Crops Yearbook. *Annual report.* October 1996.

Stock # OCS-1996. \$15.00. Covers outlook for supply, demand, and prices of U.S. and world soybeans, oilseeds, and product markets, including U.S. cottonseed, peanuts, sunflowerseed, other special oilseeds, tropical oils, corn oil, and animal fats. Extension time series datasets on U.S. oilseeds and products markets, including supply and use of edible fats and oils. Free monthly updates are released electronically via the Internet, ERS AutoFAX, and the ERS electronic bulletin board. For more information, see page 4.

NEW. The Role of Quality in Soybean Import Decisionmaking.

By Stephanie A. Mercier and Brian Gohlke. *Research report.* Stock # AER-722. \$9.00.

1995. Examines the market structure and import decisionmaking process in key soybean-importing countries. Finds that mandating cleaner soybeans, under current production and marketing practices, would have a minor effect on the market share or value of U.S. exports. AutoFAX summary document # 01202.



Oil Crops Yearbook, 1995. *Statistical report.* 61 pp. July 1995. Stock # OCS-1995. \$15.00. A statistical review of the recent situation and outlook for U.S. and world soybeans, oilseeds, vegetable oils, and other oil crops. Covers stocks, disappearance, acreage, farm price, and more.

Soybeans: State-Level Production Costs, Characteristics, and Input Use, 1990. *Statistical bulletin.* 44 pp. February 1994. Stock # SB-873. \$9.00. Shows that per-acre costs are highly variable among States due to differences in production practices, inputs, and type and size of machines used in soybean production.

Characteristics and Production Costs of U.S. Soybean Farms, 1988. *Research report.* 20 pp. October 1992. Stock # AIB-658. \$7.50. Compares selected farm characteristics and production costs among soybean growers grouped by variable costs, enterprise size, and production region.

Characteristics and Production Costs of U.S. Soybean Farms, 1986. *Research report.* 21 pp. April 1991. Stock # AIB-623. \$9.00. Compares selected characteristics and costs of production among soybean producers.

Financial Performance of Specialized Corn-Soybean Farms, 1987. *Research report.* 12 pp. January 1990. Stock # AIB-583. \$7.50. Finds that specialized corn-soybean farms fared better financially in 1987 than most other specialized commodity farms.

Optimal Futures Positions for Corn and Soybean Growers Facing Price and Yield Risk. *Research report.* 48 pp. March 1989. Stock # TB-1751. \$9.00. Presents a model of futures trading for crop producers with random yields.

The U.S. Sunflower Industry. *Research report.* 58 pp. October 1992. Stock # AER-663. \$12.00. This report describes the U.S. sunflowerseed industry and furnishes a single source of economic and statistical information on sunflowers.

U.S. Corn and Soybean Weather/Production Models. 3.5" disk. Stock # 92001. \$25.00. Spreadsheet models to calculate corn and soybean yields, harvested acreages, and production for States, regions, and the United States based on planted acreages, weather, and fertilizer applications on corn. Lloyd Teigen, ERS, 202-219-0718. (.WK1), 12/91.

Field Crops

Oil Crops Yearbook. 3.5" disk. Stock # 89002. \$25.00. Oilseed, oilmeal, and fats and oils supply and use statistics, 1965-95. Includes oilseed acreage, yield, and production estimates and farm and wholesale price series. Scott Sanford, ERS, 202-219-0835. (.WK1), 10/95.

Soybeans: Costs of Production. 3.5" disk. Stock # 94009. \$25.00. State data on 1990 soybean production costs and returns. Includes quantities of selected inputs used in production, tractor and machinery use, and characteristics of soybean farms included in the 1990 Farm Costs and Returns Survey. Mir Ali, ERS, 202-219-0374. (.WK1), 1/94.

Wheat

Economics, Ed Allen (EWALLEN), 202-219-0831
Statistics, Vaughn Siegenthaler (VSIEGENTHALER), 202-720-8068
World Wheat, Mark Simone (MSIMONE), 202-219-0823

Wheat Yearbook. Annual report. February 1996. Stock # WHS-1996. \$15.00. Covers supply, disappearance, tariff quotas, area, price, stocks, inspections, trade, and cash prices for leading classes at major markets. Free monthly updates are released electronically via the Internet, ERS Auto-FAX, and the ERS electronic bulletin board. For more information, see page 4.

Characteristics and Production Costs of U.S. Wheat Farms, 1989. Research report. 22 pp. October 1993. Stock # AIB-683. \$9.00. Finds that producing a bushel of wheat cost U.S. farmers an average \$2.07 in variable cash expenses in 1989, as individual farm costs ranged from less than \$1.37 to more than \$3.49 per bushel.

Economic Implications of Cleaning Wheat in the United States. Research report. 68 pp. December 1993. Stock # AER-669. \$12.00. Finds that the costs exceed the domestic benefits of cleaning wheat.

The Role of Quality in Wheat Import Decisionmaking. Research report. 66 pp. December 1993. Stock # AER-670. \$12.00. Finds that wheat quality matters most in markets that do not receive export subsidies or other forms of export assistance.

Costs and Benefits of Cleaning U.S. Wheat: Overview and Implications. Research report. 21 pp. December 1993. Stock # AER-675. \$9.00. Concludes that the costs of cleaning all U.S. wheat for export above the current level outweigh the benefits by at least \$8 million.

Representative U.S. Wheat Farms. Statistical bulletin. 71 pp. January 1990. Stock # SB-786. \$12.00. Gives average organizational and financial characteristics of representative farms, by size, in 12 States.

State-Level Wheat Statistics, 1949-88. Statistical bulletin. 96 pp. March 1989. Stock # SB-779. \$12.00. Provides State-level data on production levels and trends for all wheat, winter wheat, durum wheat, and other spring wheat for 1949-88.

World Feed Wheat Trade: A Market Analysis. Research report. 10 pp. February 1994. Stock # AIB-688. \$7.50. Examines the key factors affecting feed wheat trade and thus develops a framework for evaluating the conditions necessary for trade.

The Wheat Program in the 1990's: Issues for Decision-makers. Research report. 16 pp. June 1990. Stock # AIB-606. \$7.50. Describes the evolution of U.S. wheat policy and major wheat program issues of the 1990's.

Wheat Yearbook. 3.5" disks. Stock # 88008B. \$25.00. U.S. wheat acreage, production, supply, trade, use, and prices for 1960-92. Includes data for wheat flour and rye. Ed Allen, ERS, 202-219-0831. (.WK1), 3/95.

State-Level Wheat Statistics. 3.5" disk. Stock # 89016. \$25.00. U.S. and State data, 1948-88, on wheat acreage, yield, and production; quantity used on farm where produced; quantity sold; season average price received by farmers; and values of production and sales. Ed Allen, ERS, 202-219-0831. (.WK1), 3/89.

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
NASS (720- phone numbers): @ag.gov

Food

- Food Assistance and Nutrition, Dave Smallwood (DSMALLWD), 202-219-1265
 Food Assistance Programs, Dave Smallwood (DSMALLWD), 202-219-1265
 Food Away From Home, Charlene Price (CCPRICE), 202-501-6765
 Food Consumption, Judy Putnam (JJPUTNAM), 202-501-7413
 Food Costs, Howard Elitzak (HELITZAK), 202-219-1254
 Annette Clauson (ACLAUSON), 202-501-6552
 Food Demand and Expenditures, James Blaylock (JBLAYLOC), 202-219-0900
 Food Manufacturing (AEGALLO), Tony Gallo, 202-219-1260
 Food Policy, Betsey Kuhn (BKUHN), 202-219-0409
 Dave Smallwood (DSMALLWD), 202-219-1265
 Bill Levedahl (LEVEDAHL), 202-219-0856
 Food Prices and CPI, Annette Clauson (ACLAUSON), 202-501-6552
 Howard Elitzak (HELITZAK), 202-219-1254
 Food Retailing, Phil Kaufman (PKAUFMAN), 202-219-0728
 Food Safety Policy, Steve Crutchfield, (SCRUTCH), 202-501-7415
 Food Safety and Pesticides, Ann Vandeman (ANNV), 202-219-0452
 Food Spending, James Blaylock (JBLAYLOC), 202-219-0900
 Food Wholesaling, Steve Martinez (MARTINEZ), 202-219-0672
 Marketing Margins & Statistics, Howard Elitzak (HELITZAK), 202-219-1254
 Microbial Food Safety, Tanya Roberts (TANYAR), 202-219-0857
 Retailing and Manufacturing, Charles Handy (CHANDY), 202-219-0859

FoodReview. *Subscription.* 3 issues. Stock # NFR. \$17.00. Featuring the latest data and analyses, *FoodReview* explores the rapidly changing U.S. food system. Trends in food consumption, food assistance, nutrition, food product development, food safety, and food product trade are analyzed in depth for those who manage, monitor, or depend on the food system. Also includes key indicators of the food sector and updates on Federal policies and programs affecting food.

From Farming to Food Service: The Food and Fiber System's Links with the U.S. and World Economies. *Research report.* 37 pp. January 1992. Stock # AIB-640. \$9.00. This report examines the role of farming in the food and fiber sector, the interaction between the food and fiber sector and the rest of the U.S. economy, and its linkages through trade with the world economy.

U.S. Demand for Food: A Complete System of Quantity Effects on Prices. *Research report.* 60 pp. July 1991. Stock # TB-1795. \$12.00. Explores a large-scale U.S. demand system, providing empirical estimates based on 39 food categories and 1 nonfood sector.

Data for Food Demand Analysis: Availability, Characteristics, Options. *Research report.* 48 pp. April 1990. Stock # AER-613. \$9.00. Discusses the availability, characteristics, and derivation of time series for food consumption, food prices, food expenditures, and income for use in food demand analysis.

A Complete System of U.S. Demand for Food. *Research report.* 69 pp. September 1993. Stock # TB-1821. \$12.00. Describes a complete U.S. food demand system of 39 food categories and 1 nonfood sector estimated by using annual data from 1953 to 1990.

Food Advertising

Food Advertising, Tony Gallo, 202-219-1260

Generic Promotion of Agricultural Products: Balancing Producers' and Consumers' Needs. *Research report.* 6 pp. July 1989. Stock # AIB-565. \$7.50. Examines policy issues involved in Government-authorized generic advertising programs.

An Evaluation of Fluid Milk and Cheese Advertising, 1978-93. *Technical report.* 42 pp. February 1995. Stock # TB-1839. \$9.00. Examines effects of advertising on fluid milk and cheese consumption, structural changes in advertising effects over time, advertising influences on consumers and the cheese market; and simulations of changes in milk and cheese consumption since 1983 related to advertising, price, and income.

Effects of Advertising on the Demand for Cheese and Fluid Milk. *Staff report.* 30 pp. October 1991. Stock # AGES 9154. \$9.00.

Effects of Advertising on the Demand for Cheese, January 1982-June 1989. *Staff report.* 32 pp. August 1990. Stock # AGES 9055. \$9.00.

Food Consumption

Food Consumption, Judy Putnam (JJPUTNAM), 202-501-7413

Modeling Nutrient Intake: The Role of Dietary Information. *Technical bulletin.* 23 pp. May 1995. Stock # TB-1842. \$9.00. Measuring the effect of nutrition information on an individual's intake of dietary fiber is crucial for understanding and quantifying the linkage between nutrition education programs and actual consumption behavior. Dietary information and intake data for a sample of U.S. household meal planners are used to estimate the effect of fiber-specific information on dietary fiber intake.

The American Diet: Health and Economic Consequences. *Research report.* 25 pp. February 1995. Stock # AIB-711. \$9.00. This report presents an overall picture of what we know about how diet affects chronic disease and the overall costs associated with seven diet-related health conditions.

Consumer Concerns About Nutrition: Opportunities for the Food Sector. *Research report.* 16 pp. October 1994. Stock # AIB-705. \$9.00. A brief look at the shift in food consumption patterns over the past 20 years. Shows that although there is still considerable room for improvement in meeting Federal food guidelines, nutrition concerns have become an important factor in food choices.

Dietary Fiber: Effects of Socioeconomic Characteristics and Knowledge. *Research report.* 13 pp. December 1994. Stock # TB-1840. \$9.00. Presents an initial investigation into the relationships between knowledge, attitudes, awareness, and fiber intake. Looks at the connection between one's fiber knowledge and one's actual intake.

Food

Changes in Food Consumption and Expenditures in Low-Income American Households During the 1980's. *Statistical bulletin.* 81 pp. November 1993. Stock # SB-870. \$12.00. Presents information on the quantity and dollar value of food consumption in 65 major food groups in low-income American households for 1977-78, 1979-80, and 1987-88 by selected socioeconomic and demographic characteristics.

U.S. Demand for Food: Household Expenditures, Demographics, and Projections for 1990-2010. *Research report.* 57 pp. December 1993. Stock # TB-1818. \$12.00. Food expenditure models indicate that higher income households spend more per person than poorer households on most food groups, especially food away from home, fish, cheese, other dairy foods, fresh fruit, and processed fruit.

Food Consumption. Two 3.5" disks. Stock # 89015B. \$35.00. Per capita food consumption by commodity and commodity group, 1966-92; supply and use by commodity and commodity group, 1966-92; and food expenditures, 1869-1992. Jane Allshouse, ERS, 202-210-0901. (.WK1), 12/94.

Changes in Food Consumption and Expenditures. 3.5" disk. Stock # 93004. \$25.00. Reports average annual household food use and related expenditures data for major foods and food groups, 1977/78 and 1987/88. Data are summarized by household size and type, income quintile, race, region, and urbanization. Steven Lutz, ERS, 202-501-7410. 12/92.

Selected Red Meat and Poultry Consumption. 3.5" disk. Stock # 91004. \$25.00. Annual data, 1975-91, on beef and veal, pork, lamb, mutton, goat, and total poultry consumption, total and per capita, for selected countries and regions. 1/91. Shayle Shagam, ERS, 202-219-0011. 1/91.

Food Costs

Food Costs, Howard Elitzak (HELITZAK), 202-219-1254
Annette Clauson (ACLAUSON), 202-501-6552

Food Cost Review, 1993. *Research report.* 46 pp. August 1994. Stock # AER-696. \$9.00. This popular annual report presents USDA's findings on the 1993 farm-to-retail price spread. Food prices increased 2.2 percent in 1993, less than the overall increase in the CPI for the third consecutive year.

Food Costs . . . From Farm to Retail in 1993. *Research report.* 11 pp. April 1994. Stock # AIB-698. \$7.50. This annual bulletin shows how much food costs are changing and explores the reasons why. It looks at how much of the consumer food dollar goes to the farmer and how much to food processors and marketers.

Construction of True Cost of Food Indexes from Estimated Engel Curves. *Research report.* 40 pp. May 1991. Stock # TB-1787. \$9.00. Compares estimated indexes of the true cost

of food with the Consumer Price Index for households of differing characteristics.

Supermarket Prices and Price Differences: City, Firm, and Store-Level Determinants. *Research report.* 68 pp. December 1989. Stock # TB-1776. \$12.00. Investigates how much supermarket prices vary, both among firms within cities and among firms in different cities, and the reasons for these differences.

Retail to Farm Linkage for a Complete Demand System of Food Commodities. *Research report.* 47 pp. December 1989. Stock # TB-1775. \$9.00. Describes a new conceptual model to estimate the effects of demand, supply, and marketing margins on retail food prices and farm prices.

Food Marketing

Food Marketing, Tony Gallo (AEGALLO), 219-1260
Marketing Margins & Statistics, Howard Elitzak (HELITZAK), 219-1254

NEW. The Food Marketing System in 1994. By Tony E. Gallo. *Research report.* 15 pp. August 1995. Stock # AIB-717. \$7.50. Analyzes and assesses yearly developments in the Nation's food marketing system, including industry growth, structure, conduct, and performance of food processors, wholesalers, retailers, and foodservice firms. Total sales in the U.S. food marketing system grew by 4.2 percent in 1994 to nearly \$800 billion. *AutoFax summary document # 01002.*

Food Marketing Review, 1992-93. *Research report.* 151 pp. April 1994. Stock # AER-678. \$15.00. This popular annual report shows that profits from operations for food manufacturers and retailers rose in 1992 and 1993. This was due to continued wage and produce price stability, a weaker dollar, and lower interest rates.

Grocery Retailing Concentration in Metropolitan Areas, 1954-82. *Research report.* 47 pp. August 1993. Stock # TB-1817. \$9.00. Finds that grocery retailing concentration in U.S. cities increased on average in 1982, continuing a long-term trend.

The Food Marketing Revolution, 1950-90. *Research report.* 8 pp. August 1991. Stock # AIB-627. \$7.50. NOTE: *Limited supplies; please call to verify availability.* Looks at some of the changes in population, lifestyle, income, and attitudes which significantly changed the food marketing system: a boom in supermarkets, greater diversity among supermarkets, fewer but larger wholesaling firms, growth in away-from-home eating, and internationalization of manufacturing.

Rearranging the Economic Landscape: The Food Marketing Revolution, 1959-91. *Research report.* 165 pp. September 1992. Stock # AER-660. \$15.00. This report examines the changes in the marketing of farm and food products since 1950 and the factors that have caused such change.

Food Safety

Food Safety Policy, Steve Crutchfield (SCRUTCH), 202-501-7415
 Microbial Food Safety, Tanya Roberts (TANYAR), 202-219-0857
 Safety and Pesticides, Ann Vandeman (ANNV), 202-219-0452
 Fred Kuchler (FKUCHLER), 202-219-0751

Using Historical Information to Identify Consumer Concerns About Food Safety. *Research report.* 19 pp. July 1994. Stock # TB-1835. \$9.00. Finds that how the news cover food safety issues could affect consumption patterns, depending on type of food and risk. Examines coverage of food safety concerns during 1937-91 as an indicator of how risk was perceived, based on information appearing in *Consumer Reports*.

A Summary of the Worker Protection Standard for Agricultural Pesticides. *Research report.* 10 pp. December 1993. Stock # AIB-680. \$9.00. All agricultural employers whose workers perform hand labor operations in fields, forests, nurseries, and greenhouses treated with pesticides in these locations are covered by the U.S. Environmental Protection Agency's worker protection standard issued August 21, 1992. This supplement to *A Summary of Federal Laws and Regulations Affecting Agricultural Employers*, 1992 (AIB-652) summarizes this regulation.

The Economics of Safeguarding the U.S. Food Supply. *Research report.* 8 pp. July 1989. Stock# AIB-566. \$7.50. A look at the economic issues involved in detecting and eliminating contaminants in the food supply and the challenges of incorporating new technology into workable food safety policies.

Economic Analysis of Electron Accelerators and Cobalt-60 for Irradiating Food. *Research report.* 38 pp. June 1989. Stock # TB-1762. \$9.00. Average costs per pound of irradiating food are similar for the electron accelerator and cobalt-60 irradiators, but initial investment costs can vary by \$1 million.

Food Spending

Food Spending, James Blaylock (JBLAYLOC), 202-219-0900
 Annette Clauson (ACLAUSON), 202-501-6552

Food Spending in American Households, 1980-92. *Statistical bulletin.* 74 pp. October 1994. Stock # SB-888. \$12.00. Presents information on trends in household food expenditures for major food groups by selected demographic factors for 1980-92.

How Did Household Characteristics Affect Food Spending in 1980-88? *Research report.* 17 pp. February 1992. Stock # AIB-643. \$9.00. Looks at trends in U.S. per capita consumption of total food, food at home, and food away from home using the latest data from annual surveys of urban household food spending for 1980 to 1988.

Food Spending by Female-Headed Households. *Research report.* 60 pp. July 1992. Stock # TB-1806. \$12.00. The study analyzes the influence of household type on food expenditure patterns, after controlling for income and other socio-economic characteristics.

U.S. Food Spending and Income: Changes Through the Years. *Research report.* 19 pp. January 1991. Stock # AIB-618. \$9.00. Explores relationships that have contributed to increases in U.S. food spending over the years and the decline in food spending's share of personal income.

U.S. Food Expenditures. 3.5" disk. Stock # 91003. \$25.00. Annual data, 1869-1989, on total expenditures for food and alcoholic beverages. Includes series on food expenditures for food away from home, at retail stores and other establishments, and by type of income. 1/96. Alden Manchester, ERS, 202-219-0832.

Food, Beverages, and Tobacco Expenditures. Two 3.5" disks. Stock # 86014B. \$35.00. U.S. and 46 countries, 1970-88; also gross domestic product, disposable personal income, consumption expenditures, and net savings. (4/91; archived 1/96.)

Food Spending in American Households, 1980-88. Two 3.5" disks. Stock # 90005B. \$35.00. Detailed data on household food expenditures by major food groups and by household demographic characteristics. Includes data on food price trends and percent of households purchasing selected food items in a week. David Smallwood, ERS, 202-219-1265. (.WK1), 10/94.

Food Assistance Programs

Food Assistance Programs, Dave Smallwood (DSMALLWD),
 202-219-1265

The Effect of Food Stamps and Income on Household Food Expenditures. *Research report.* 27 pp. July 1991. Stock # TB-1794. \$9.00. Reexamines past estimates of the effect of income and food stamp benefits on food expenditures.

Comparing the Emergency Food Assistance Program and the Food Stamp Program: Recipient Characteristics, Market Effects, and Benefit/Cost Ratios. *Research report.* 16 pp. June 1994. Stock # AER-689. \$9.00. Finds that the Emergency Food Assistance Program (TEFAP), a commodity-based program, and the coupon-based Food Stamp Program can, for a given level of expenditure, serve more needy households than either program can serve alone.

U.S. Domestic Food Assistance Programs: Lessons from the Past. *Research report.* 16 pp. January 1990. Stock # AIB-570. \$7.50. Describes current domestic food assistance programs, their relationships to each other, effects on food production and marketing sectors, and cost.

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
 NASS (720- phone numbers): @ag.gov

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 John McClelland (JMCLELL), 202-501-6631
 Biomass Energy, Hosein Shapouri (HOSEINS), 202-501-6677
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 Sustainable Agriculture, Tim Osborn (TOSBORNE), 202-219-1030
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Industrial Uses of Agricultural Materials.

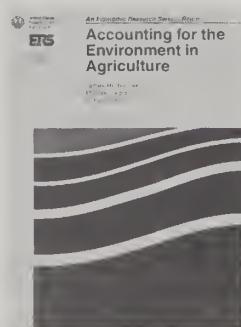
Annual report, October. Stock # IUS-1996. \$15.00. Examines how agricultural materials are used by industry. Supplies relevant economic intelligence to people involved in the research, development, commercialization, production, processing, marketing, and policy aspects of taking agricultural materials from the farmgate through the industrial marketplace. The report begins with the national economic outlook, and how these broad forces are expected to affect key industrial sectors that buy or potentially buy agricultural materials. Next, industrial products from agricultural materials are examined: starches and sugars, fats and oils, natural fibers, animal products, forest products, and specialty plant products. Each of the sectors covers traditional uses, new uses currently in the marketplace, and uses on the horizon. Feature articles, presenting in-depth examinations of current topics and issues, and data tables complete the report.

NEW. Accounting for the Environment in Agriculture. By

James Hrubovcak and others.

Technical bulletin. 27 pp. October 1995. Stock # TB-1847. \$9.00.

This paper attempts to measure agriculture's contribution to national income and economic well-being. Detailed information derived from the national income and product accounts provides the basis for economic interpretations of changes in the Nation's income and wealth. Specifically, the effects of soil erosion on agricultural productivity and income, the economic effects of decreased water quality, and the depletion of water stocks are presented as examples of the potential scope of accounting adjustments



needed in the agricultural sector. *AutoFAX summary document # 01702.*

U.S. Farm Programs and Agricultural Resources. Research report. 12 pp. September 1990. Stock # AIB-614. \$7.50. Finds that U.S. agricultural programs have a greater effect on land and other farm inputs than on commodity production.

Agricultural Resources and Environmental Indicators. 212 pp. February 1995. Stock # AH-705. \$18.00. This ERS basebook contains a wealth of information covering a broad range of subjects in resource and environmental economics. Topics include land use, quality, and ownership; farm real estate values; water use and quality; fertilizer, pesticides, energy, and farm machinery; technology; and the conservation reserve, compliance, wetlands, and non-USDA programs that affect agriculture.

Seven Farm Input Industries. Research report. 125 pp. September 1990. Stock # AER-635. \$15.00. Describes seven industries that provide resources for farming (fertilizer, pesticides, energy, feed, credit, farm machinery, and hired labor) and explains the situation of the industries during 1966-86.

Global Trade in Agricultural Inputs. Statistical bulletin. 88 pp. September 1990. Stock # SB-812. \$12.00. Gives historical perspective and statistics on the extent and direction of international trade in manufactured agricultural inputs and agricultural genetic materials.

Optimal Cost-Sharing Programs to Reduce Agricultural Pollution. Research report. 18 pp. June 1993. TB-1820. \$9.00. This report examines the problem of designing economically efficient cost-sharing programs.

Demand and Substitution of Agricultural Inputs in the Central Corn Belt States. Research report. 27 pp. February 1993. Stock # TB-1816. \$9.00. This study estimates short-run and longrun elasticities for agricultural inputs, along with elasticities of substitution, using a theoretically consistent restricted profit function and a series of decomposition equations.

Intellectual Property Rights and the Private Seed Industry. Research report. 19 pp. November 1991. Stock # AER-654. \$9.00. Examines the intellectual property rights that provide seed companies with property ownership to the seed varieties and hybrids that they develop.

Capacity Utilization and Measurement of Agricultural Productivity. Research report. 40 pp. August 1991. Stock # TB-1798. \$9.00. Develops a theoretical model of capacity utilization and productivity measurement, estimated for 1949-87, for the U.S. farm sector.

Equilibrium Effects of Agricultural Technology Adoption: The Case of Induced Output Price Changes. Research report. 24 pp. September 1993. Stock # TB-1823. \$9.00. Shows that adoption of less polluting practices can be induced by a variety of policy instruments.

Chemigation: A Technology for the Future? *Research report.* 16 pp. July 1990. Stock # AIB-608. \$7.50. Defines and describes chemigation, the use of an irrigation system to apply chemicals to soils and plants. Also discusses benefits as well as management and resource considerations.

International Technology Transfer in U.S. Agriculture. *Research report.* 12 pp. August 1989. Stock # AIB-571. \$7.50. Discusses implications of and reasons for private sector expansion into agricultural research and technology transfers.

How Technological Progress and Government Programs Influence Agricultural Land Values. *Research report.* 12 pp. January 1990. Stock # AIB-582. \$7.50. Examines the mix of forces leading to the longrun increase in land values.

A Global Analysis of Energy Prices and Agriculture. *Staff report.* 18 pp. September 1991. Stock # AGES 9148. \$9.00.

Sectoral Effects of a World Oil Price Shock: Economywide Linkages to the Agricultural Sector. *Staff report.* 25 pp. October 1991. Stock # AGES 9156. \$9.00.

The Economic Cost of Unemployment and Underemployment. *Staff report.* 28 pp. May 1989. Stock # AGES 8917. \$9.00.

Cropping Practices. 3.5" disks. These databases contain unsummarized data from the annual USDA Cropping Practices Survey. Included are data on nutrient and pesticide usage, tillage practices, and related data for major field crops. Merritt Padgett, ERS, 202-219-0433. Compressed .DBF files and documentation manual, 8/95.

Stock # 93018A	1990 data (one disk)	\$30.00
Stock # 93018B	1991 data (two disks)	\$40.00
Stock # 93018C	1992 data (two disks)	\$40.00
Stock # 93018D	1993 data (two disks)	\$40.00
Stock # 93018E	1994 data (two disks)	\$40.00

Production and Efficiency Statistics. 3.5" disks. Stock # 89026. \$25.00. U.S. and State indexes of farm input use, production, and efficiency by enterprise group, 1947-89. Includes data on cropland used for crops, farm machinery and tractor use, fertilizer use, labor use, and crop acreages harvested. Rachel Evans, ERS, 202-501-8362. (WK1), 4/92.

Biotechnology

Biotechnology, John Reilly (JMREILLY), 202-219-0450
Biotechnology, Margriet Caswell (MCASWELL), 202-219-0507

Plant Biotechnology: Out of the Laboratory and Into the Field. *Research report.* 13 pp. April 1995. Stock # AER-697. \$9.00. This report uses plant biotechnology field-test permit data to characterize the organizations undertaking plant biotechnology research and to describe and analyze their plant development strategies.

Agricultural Biotechnology: An Economic Perspective.

Research report. 52 pp. May 1994. Stock # AER-687.

\$9.00. This report describes the economic, scientific, and social factors that will influence the future of biotechnology in agriculture. The supply of biotechnology innovations and products will be affected by public policies and by expected producer and consumer demand.

Consumer Effects of Biotechnology. *Research report.* 11 pp. December 1989. Stock # AIB-581. \$7.50. (Note: Limited supplies; call to verify availability.)

Public Regulation of Agricultural Biotechnology Field Tests: Economic Implications of Alternative Approaches.

Research report. 19 pp. August 1991. Stock # TB-1793.

\$9.00. Examines four general types of regulatory approaches to limit public risk from field testing: a fixed-cost regulatory standard, a marginal-cost standard, a property rule (environmental bond), and a liability rule.

Implications of New Technology for the Livestock Sector: Animal Growth Hormones. *Research report.* 18 pp. September 1991. Stock # AIB-626. \$7.50. Looks at issues surrounding use of growth hormones, including their effects on structure of U.S. agriculture, consumer benefits, and food safety and quality.

Issues Raised by New Agricultural Technologies: Livestock Growth Hormones. *Research report.* 40 pp. April 1989. Stock # AER-608. \$9.00. Looks at the changes to be expected if all livestock were treated with growth hormones.

Biotechnology and Agriculture: Emergence of Bovine Somatotropin (bST). *Staff report.* 28 pp. June 1990. Stock # AGES 9037. \$9.00.

Ethanol

John McClelland (JMCLELL), 202-501-6631
Hosein Shapouri (HOSEINS), 202-501-6677

NEW. Estimating the Net Energy Balance of Corn Ethanol. By Hosein Shapouri and others. *Research report.* 16 pp. July 1995. Stock # AER-721. \$9.00. Studies conducted since the late 1970's have estimated the net energy value of corn ethanol. However, variations in data and assumptions used among the studies have resulted in a wide range of estimates. This study identifies the factors causing this wide variation and develops a more consistent estimate.

AutoFAX summary document # 01201.

Ethanol Production and Employment. *Research report.*

9 pp. July 1993. Stock # AIB-678. \$7.50. Finds that increased U.S. production of ethanol could create 28,000-108,000 new jobs by the year 2000, mainly in the rural Midwest where most of the Nation's corn is grown.

Inputs and Technology

Ethanol Production, Corn Gluten Feed, and EC Trade. *Research report.* 12 pp. July 1993. Stock # AIB-677. \$7.50. The policy changes examined in this report include the effect of proposed changes in EC farm and trade policies and the effect of increased ethanol production due to proposed U.S. environmental policies, such as the reauthorization of the Clean Air Act.

Ethanol and Agriculture: Effect of Increased Production on Crop and Livestock Sectors. *Research report.* 16 pp. May 1993. Stock # AER-667. \$6.00. Finds that expanded ethanol production (5 billion gallons by the year 2000), up from a projected 1.2 billion gallons for that year, would increase U.S. farm income by as much as \$1 billion per year and dampen oil imports.

Emerging Technologies in Ethanol Production. *Research report.* 17 pp. January 1993. Stock # AIB-663. \$9.00. This report examines the likelihood of near- and long-term cost reductions in producing ethanol, as well as the potential of biomass (agricultural residues, municipal and yard waste, energy crops like switchgrass) to supplement corn as an ethanol feedstock.

Ethanol and U.S. Agriculture. *Research report.* 8 pp. January 1989. Stock # AIB-559. \$7.50. Assesses contribution of ethanol production to national objectives on energy, environment, and trade policy.

Economics of Ethanol Production in the United States. *Research report.* 20 pp. March 1989. Stock # AER-607. \$7.50. Evaluates structural characteristics of the ethanol industry, including economies of scale and the relative economics of wet- and dry-mill plants.

Farm Machinery

Farm Machinery, Marlow Vesterby (VESTERBY), 219-0422

Tractor Depreciation and Technical Change: A Case Study of 60-Horsepower Tractors. *Research report.* 20 pp. February 1990. Stock # TB-1772. \$7.50. Examines physical depreciation and technical change in farm tractors to quantify changes in this type of capital.

Farm Machinery Statistics. 3.5" disk. Stock # 86016. \$25.00. Annual and monthly data, 1944-90, on U.S. production, shipments, industry and farm inventories, farm expenditures, and other financial information. Marlow Vesterby, ERS, 202-219-0422. (WK1), 9/91.

Fertilizer and Pesticides

Fertilizer, Harold Taylor (HTAYLOR), 202-219-0476

Fertilizer Statistics, (VJOHNSON), 202-720-7492

Pesticides, Len Bull (LBULL), 202-501-8288

Merritt Padgett (MPADGITT), 202-219-0433

Pesticides and Food Safety, Ann Vandeman (ANNV), 202-219-0452

Pesticide Statistics, Van Johnson (VJOHNSON), 202-720-7492

Agricultural Chemical Usage. *Subscription.* 2 issues. Stock # PCU. 1 yr, \$18.00; 2 yrs, \$34.00; 3 yrs, \$51.00.

Field Crops: March 21. Chemical application rates and acres treated, 1995 crop by State and U.S. for corn, soybeans, cotton, potatoes, and wheat.

Fruit: July 17. Chemical application rates and acres treated for selected fruit crops in major producing States. (Alternate years with vegetables).

Vegetables: Chemical application-rate and acres treated for selected vegetables in major producing States. (Alternate years with fruit.)

Restricted Use Pesticides. *Annual report, December 18.* Stock # ZUP-96. \$9.00. Chemical application rates and acres treated for restricted use pesticides for selected field and vegetable crops in major producing States. This report is a summary of the restricted use pesticide ingredients reported in the previous two issues of "Agricultural Chemical Usage" for field crops and vegetables and, on an alternating basis, either fruits or vegetables.

Pesticide and Fertilizer Use and Trends in U.S. Agriculture. *Research report.* 47 pp. May 1995. Stock # AER-717. \$9.00. This report looks at agricultural chemical use trends, use on major field crops, and factors influencing chemical use. Pesticides used on major crops more than doubled during 1964-82 (from 233 to 612 million pounds of active ingredients).

Regulation, Innovation, and Market Structure in the U.S. Pesticide Industry. *Research report.* 31 pp. June 1995. Stock # AER-719. \$9.00. This report examines how EPA regulation affects new chemical pesticide registrations, new chemical pesticide safety and use, industry composition, and technology choice. Covers causes of changes in new pesticide innovation and industry composition; the economic environment of the industry; and more.

Atrazine: Environmental Characteristics and Economics of Management. *Research report.* 16 pp. September 1994. Stock # AER-699. \$9.00. Presents the costs and benefits of an atrazine ban, a ban on pre-plant and pre-emergent applications, and a targeted ban to achieve a surface water standard. Restricting or eliminating the use of atrazine in the Midwest would have important economic consequences for farmers and consumers.

Adoption of Integrated Pest Management in U.S. Agriculture. *Research report.* 26 pp. September 1994. Stock # AIB-707. \$9.00. Summarizes information on the extent of adoption of integrated pest management (IPM) techniques in the production of fruits, vegetables, and major field crops. Over half of the Nation's fruit, vegetable, and major field crop acres are now under some level of IPM, according to USDA survey data.

Fertilizer Use and Price Statistics, 1960-93. *Statistical bulletin.* 56 pp. September 1994. Stock # SB-893. \$12.00. Includes quarterly or semiannual time series for retail fertilizer prices, annual retail and wholesale fertilizer prices, fertilizer consumption by plant nutrient and major selected products, consumption of mixed fertilizers and secondary and micronutrients, and more.

Estimation of Aggregate U.S. Demands for Fertilizer, Pesticides, and Other Inputs: A Model for Policy Analysis. *Research report.* 28 pp. March 1993. Stock # TB-1813. \$9.00. Presents elasticity estimates of substitution that are consistent both with data on input use and with the assumptions of commonly used CGE models.

Economic Effects of Banning Methyl Bromide for Soil Fumigation. *Research report.* 34 pp. March 1994. Stock # AER-677. \$9.00. Estimates the first-year consequences for producers and consumers of banning methyl bromide.

Adoption of Pest Management Strategies Under Varying Environmental Conditions. *Research report.* 16 pp. December 1993. Stock # TB-1827. \$9.00. Analyzes several policy instruments designed to induce adoption of chemical-reducing pest management strategies.

Federal Grade Standards for Fresh Produce: Linkages to Pesticide Use. *Research report.* 22 pp. August 1993. Stock # AIB-673. \$9.00. Finds that some critics contend that Federal grading of fresh produce sets unnecessarily high standards for external appearance, encouraging use of chemical pesticides by growers and packers.

Pesticide Use in Florida's Grapefruit Packinghouses. *Statistical bulletin.* 4 pp. July 1993. Stock # SB-858. \$7.50. USDA initiated the Pesticide Data Program in 1992 by surveying 103 Florida grapefruit packinghouses. Results showed 74 post-harvest applications.

Economic Returns to Boll Weevil Eradication. *Research report.* 31 pp. September 1989. Stock # AER-621. \$9.00. Evaluates returns of a pest control program in a large geographical area and the joint efforts of farmers and public agencies, in contrast to pest control efforts by individuals, which can be less successful.

Welfare Impacts of a Trade Restriction: An Equilibrium Approach and Application in the Potash Industry. *Research report.* 25 pp. June 1994. Stock # TB-1834. \$9.00. A three-sector equilibrium open economy model is developed for measuring welfare effects of a trade restriction. The approach is applied to the U.S.-Canadian trade agreement on potash (USCTAP).

A Direct Approach for Estimating Nitrogen, Phosphorus, and Land Demands at the Regional Level. *Research report.* 17 pp. March 1991. Stock # TB-1786. \$9.00. Finds that estimates of fertilizer and land demands in the Corn Belt reveal profit-maximizing input elasticities of demand.

Forecasting Retail Fertilizer Prices: A Combined Time-Series Regression Analysis Approach. *Research report.* 14 pp. April 1991. Stock # TB-1789. \$9.00. Combines a regression and time-series analysis to develop a reliably accurate shortrun price forecasting model of retail fertilizer prices.

Fertilizer Trade Statistics, 1970-91. *Statistical bulletin.* 44 pp. January 1993. Stock # SB-851. \$9.00. Covers U.S. imports and exports of nitrogen, phosphate, and potash, and U.S. import origins and export destinations for selected fertilizer materials.

Integrated Pest Management (IPM) in the Vegetable Industry During the 1980's. *Staff report.* 19 pp. February 1991. Stock # AGES 9107. \$9.00.

Elasticities of Fertilizer Demands for Corn in the Short and the Long Run: A Cointegrated and Error-Correcting System. *Staff report.* 13 pp. August 1991. Stock # AGES 9137. \$7.50.

Fertilizer Use and Price Statistics. 3.5" disk. Stock # 86012. \$25.00. U.S. fertilizer use and prices and nutrients applied per acre for major farm States, 1964-90, for corn, cotton, soybeans, and wheat. Harold Taylor, ERS, 202-219-0476. (WK1), 9/94.

NEW. Agricultural Chemical Usage, 1994 Vegetables Summary. 3.5" disk. Stock # 95172. \$25.00. ASCII file with tables and narrative as published in the ERS-NASS report of the same title, July 1995. The file contains fertilizer and pesticide use data for States and combined major States for 1994 vegetable crops. Van Johnson, NASS, 202-720-7492. 7/95.

Agricultural Chemical Usage, 1993 Fruits Summary. 3.5" disk. Stock # 94172. \$25.00. State and U.S. fertilizer and pesticide use data for the 1993 fruits. An ASCII text file and a WordPerfect 5.1 file are included. Both formats contain all of the tables and narrative published in the ERS-NASS report of the same title, June 1994. Van Johnson, NASS, 202-720-7492. ASCII and WordPerfect, 7/94.

Agricultural Chemical Usage, 1992 Vegetables Summary. 3.5" disk. Stock # 93172. \$25.00. This disk contains an ASCII file with tables and narrative as published in the ERS-NASS report of the same title (Agricultural Chemical Usage, June 1993). The file contains fertilizer and pesticide use data for States and combined major States for 1992 vegetable crops. Van Johnson, NASS, 202-720-7492. ASCII, 6/93.

Agricultural Chemical Use, 1991 Fruit and Nuts Summary and 1990 California Vegetables Summary. 3.5" disk. Stock # 92172. \$25.00. U.S. and State fertilizer and pesticide use data for the 1991 fruit, nut, and berry crops. Van Johnson, NASS, 202-720-7492. ASCII, 7/92.

Agricultural Chemical Usage, 1993 Field Crop Summary. 3.5" disk. Stock # 94171. \$25.00. U.S. and State fertilizer and pesticide use data for corn, cotton, soybeans, wheat, and fall potatoes. Includes pesticide use data by active ingredient, application rates, and acres treated. Also includes data on target pest by pesticide active ingredient for fall potatoes. Van Johnson, NASS, 202-720-7492. ASCII files, 3/94.

Inputs and Technology

Agricultural Chemical Usage, 1992 Field Crops Summary. 3.5" disk. Stock # 93171. \$25.00. State and U.S. fertilizer and pesticide use data for corn, cotton, rice, soybeans, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Data on target pest by pesticide product for fall potatoes are also included for the first time, Van Johnson, NASS, 202-720-7492. ASCII, 3/93.

Agricultural Chemical Usage, 1991 Field Crops Summary. 3.5" disk. Stock # 92171. \$25.00. State and U.S. fertilizer and pesticide use data for corn, cotton, peanuts, rice, sorghum, soybeans, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Van Johnson, NASS, 202-720-7492. ASCII, 3/92.

Agricultural Chemical Usage, 1990 Field Crops. 3.5" disk. Stock # 91009Z. \$25.00. State, regional, and U.S. fertilizer and pesticide use data for corn, soybeans, cotton, rice, wheat, and fall potatoes. Includes pesticide use by active ingredient, application rates, and acres treated. Van Johnson, NASS, 202-720-7492. (.WK1), 6/91.

Weather and Climate

NOAA, Brad Ripley, 202-720-1444
Statistics, Greg Preston (GPRESTON), 202-720-7621

Weekly Weather and Crop Bulletin. Wednesdays. Summarizes weather and its effect on crops the previous week (issued jointly by Departments of Commerce and Agriculture). Contains summaries and farm progress for 44 States and New England area. To order, call NOAA/USDA at (202) 720-7917.

World Agriculture and Climate Change: Economic Adaptations. Research report. 86 pp. June 1995. Stock # AER-703. \$12.00. A comprehensive, economically consistent projection of how climate change might alter the location and intensity of farming. This report simulates the economics of how farmers respond to climate change. Directly links detailed climate projections with distributions of land and water resources, and estimates the effects in the major resource-using sectors (crop, livestock, and forestry).

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
NASS (720- phone numbers): @ag.gov

Major World Crop Areas and Climatic Profiles. Research report. 163 pp. Stock # AH-664. \$20.00. More than 200 maps show up-to-date crop and climate data for 18 different crops in 19 key production regions around the world. Provides a framework for assessing the weather's impact on world crop production by providing benchmark climate and crop data for key production regions. New articles provide insight into the El Nino phenomenon, the climate and agriculture of the former USSR, and the Indian monsoon.

Climate Change: Economic Implications for World Agriculture. Research report. 32 pp. October 1991. Stock # AER-647. \$9.00. This report attempts to increase understanding of how climate change may affect U.S. and world agriculture. It explores how agriculture contributes to greenhouse gas emissions, discusses consequences of climate change for economic activities, and examines effects on regional crop yields expected to result from broad changes in climate.

Weather in U.S. Agriculture: Monthly Temperature and Precipitation by State and Farm Production Region, 1950-90. Statistical bulletin. 129 pp. January 1992. Stock # SB-834. \$12.00. Presents 1950-90 monthly temperature and precipitation data for the 48 contiguous States.

Effects of the 1988 Drought on Farm Finances. Research report. 16 pp. August 1990. Stock # AIB-611. \$7.50. This evaluation of the 1988 drought's effects on farm finances finds that nine States in the Upper Midwest received 70 percent of Federal crop damage payments and 40 percent of the livestock feed disaster payments made through August 1989.

NEW. Weather and Yield, 1950-93. 3.5" disk. Stock # 96003. \$25.00. Spreadsheet models to forecast yield and production by State for major producing areas in the U.S. Weather and planted acreage are exogenous; yield, harvested acreage, and production are endogenous. Lloyd Teigen, ERS, 202-219-0718. 10/95.

Weather in U.S. Agriculture. Two 3.5" disks. Stock # 92008B. \$35.00. Monthly temperatures and precipitation data for farm production regions and States for 1950-90. Data are weighted by geographic area and harvested crop acreage. Lloyd Teigen, ERS, 202-219-0718. (.WK1), 1/92.

Acid Rain. 3.5" disk. Stock # 92017. \$25.00. Spring (April-June) and summer (July-September) estimates of nitrate and sulfate wet depositions in kilograms per hectare by State and county by year for the Northeastern and Middle Atlantic regions. David Westenberger, ERS, 202-219-0434. (.WK1), 8/92.

Ozone. 3.5" disk. Stock # 92018. \$25.00. Monthly and seasonal estimates of 1987 ozone concentrations in parts per billion by State and county for the Northeastern and Middle Atlantic regions. David Westenberger, ERS, 202-219-0434. (.WK1), 4/93.

Land, Water, & Conservation

Environmental Indicators, Ralph Heimlich (HEIMLICH), 202-219-0431
 Resource & Environmental Policy, Margot Anderson (MARGOT),
 202-219-0449
 Tim Osborn (TOSBORNE), 202-219-1030

Conservation

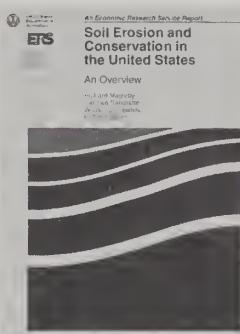
Soil Conservation, Tim Osborn (TOSBORN), 202-219-1030
 Richard Magleby (RMAGLEBY), 202-219-0436

NEW. Soil Erosion and Conservation in the United States:

An Overview. By Richard

Magleby and others. *Research report.* 28 pp. October 1995. Stock # AIB-718. \$9.00.

Describes the various programs that have promoted soil conservation, providing the background information for assessment and analysis of this important facet of conservation. Soil erosion in the United States does not pose an immediate threat to the Nation's ability to produce food and fiber, but it does reduce the productivity of some soils, and it also causes offsite damage. *AutoFAX summary document # 01003.*



A Permanent Wetland Reserve: Analysis of a New Approach to Wetland Protection. *Research report.* 16 pp.

August 1990. Stock # AIB-610. \$7.50. Discusses the likely geographic distribution of a permanent wetland reserve, crop rotations likely to be affected, and potential easement and restoration costs.

Investments in Soil Conservation and Land Improvements: Factors Explaining Farmers' Decisions. *Research report.* 36 pp. January 1989. Stock # AER-601. \$9.00.

Sheds new light on factors that determine farmers' investments in land improvements, including soil conservation, drainage, and land clearing.

Productivity and Erodibility of U.S. Cropland. *Research report.* 21 pp. January 1989. Stock # AER-604. \$9.00.

Finds that highly erodible farmland may also be highly productive and valuable.

Soil Erosion: What Effect on Agricultural Productivity? *Research report.* 6 pp. January 1989. Stock # AIB-556.

\$7.50. Estimates the potential losses in agricultural productivity from wind, sheet, and rill erosion.

Soil Depletion Estimates: Version 2: A User's Guide to a Personal Computer Model for Estimating Long-Term Onsite Physical and Economic Impacts of Soil Depletion. *Staff report.* 21 pp. January 1990. Stock # AGES 9005. \$9.00.

Estimating the Offsite Household Damages from Wind Erosion in the Western United States. *Staff report.* 21 pp. June 1989. Stock # AGES 8926. \$9.00.

NEW. Conservation Reserve Program Summary File.

3.5" disk. Stock # 96004. \$25.00. County-level data for contracts and acres enrolled by fiscal year (1986-93) and signup periods 1-12. Includes average rental rates, acres enrolled by level of erosion, conservation treatments applied, cost share data, base acreage reductions, and alternative use acreage. Tim Osborn, ERS, 202-219-1030. 11/95.

Soil Depletion Estimates Model. 3.5" disk. Stock # 90004.

\$25.00. This model computes comparisons of shorrun and longrun impacts on erosion and economic returns from alternative resource management systems. The user may specify site-specific soil characteristics, tillage practices, and cropping systems. NOTE: Requires DOS 2.10 or higher and a math co-processor. Leonard Bull, ERS, 202-501-8288. 12/89.

Conservation Reserve Program

Conservation Reserve Program, Tim Osborn (TOSBORN), 202-219-1030

NEW. The Conservation Reserve Program: Enrollment Statistics for Signup Periods 1-12 and Fiscal Years 1986-93. By C. Tim Osborn and others. *Statistical bulletin.* 86 pp. November 1995. Stock # SB-925. \$12.00. This report is fifth in an ERS series summarizing CRP participation. Finds that more than 36 million acres were enrolled in the Conservation Reserve Program (CRP) in signup periods 1-12, held during 1986-92. This acreage includes over 23 million commodity program base acres and nearly 2.5 million tree acres. Annual CRP rental payments average about \$50 per acre, and annual soil erosion reductions average 19 tons per acre. *AutoFAX summary document # 01502.*

Financial and Structural Characteristics of CRP Enrollees, 1991. *Research report.* 15 pp. May 1995. Stock # AIB-713. \$9.00. This report looks at CRP enrollees vs. nonenrollees; whole-farm and part-farm enrollees; regional characteristics; influence of CRP payments on income; and potential for livestock expansion.

Water Quality Benefits from the Conservation Reserve Program. *Research report.* 30 pp. February 1989. Stock # AER-606. \$9.00. Looks at the estimated \$3.5 to \$4 billion in water quality benefits that may be generated as a side effect of the Conservation Reserve Program.

The Conservation Reserve Program: An Economic Assessment. *Research report.* 40 pp. February 1990. Stock # AER-626. \$9.00. Estimates the net economic benefits of the CRP.

Natural Resources and Users Benefit from the Conservation Reserve Program. *Research report.* 51 pp. January 1990. Stock # AER-627. \$9.00. Estimates how retiring cropland benefits natural resources under three scenarios of CRP enrollment.

Implementing the Conservation Reserve Program: Analysis of Environmental Options. *Research report.* 26 pp. October 1989. Stock # AER-618. \$9.00. Addresses which types of land to target to gain maximum environmental benefits from the CRP.

Irrigated Acreage in the Conservation Reserve Program. *Research report.* 19 pp. July 1989. Stock # AER-610. \$9.00. Identifies the extent of marginal irrigated acreage enrolled in the CRP through 1987 and the likely amount of such land to be enrolled in the CRP.

The Conservation Reserve Program and Its Effect on Land Values. *Research report.* 5 pp. January 1989. Stock # AIB-554. \$7.50. Uses differences in average bids between signups (enrollment periods) to estimate an upper limit on the CRP's effects on the value of enrolled land.

Farmland Prices/Farm Real Estate

Farmland Values, Charles Barnard (CBARNARD), 202-501-8291

Structural Models and Automated Alternatives for Forecasting Farmland Prices. *Research report.* 22 pp. September 1993. Stock # TB-1824. \$9.00. Compares the accuracy of forecasts of farmland prices from a structural model estimated by ordinary least squares with forecasts generated from available packages.

Taxing Farmland in the United States. *Research report.* 21 pp. March 1994. Stock # AER-679. \$9.00. Examines possible causes for the regressive tax rates on farm property, including State variations in tax rates, assessment bias, and landholder characteristics. Finds that the ad valorem real property tax should be directly proportional to the value of the real property being taxed.

Taxes on U.S. Agricultural Real Estate, 1890-1991, and Methods of Estimation. *Statistical bulletin.* 33 pp. September 1993. Stock # SB-866. \$9.00. Provides State-level estimates of agricultural real estate taxes since 1890, including average taxes per acre for 1890-1991, and total taxes and taxes per \$100 of full market value for 1990-91.

Cash Rents for Farms, Cropland, and Pasture, 1960-89. *Statistical bulletin.* 43 pp. October 1990. Stock # SB-813. \$9.00. Reports State-average cash rents for whole farms, cropland, and pasture and cash rents as percentages of rented land values during 1960-89.

Farm Buildings and Farmland: An Analysis of Capital Formation. *Research report.* 50 pp. February 1992. Stock # TB-1801. \$9.00. Examines how USDA measures value of the two main physical assets and most costly inputs on the farm, land and buildings, and assesses efficiency of models used.

Farm Real Estate: Historical Series Data, 1950-92. *Statistical bulletin.* 68 pp. May 1993. Stock # SB-855. \$12.00. Farmland value increased an average 2.4 percent per year during 1987-92, compared with an annual decline of 6.6 percent during 1981-86.

The Contribution of Speculative Bubbles to Farmland Prices. *Research report.* 25 pp. July 1990. Stock # TB-1782. \$9.00. Details tests for the presence of speculative bubbles in farmland prices.

Returns, Interest Rates, and Cropland Prices in Selected Regions. *Research report.* 18 pp. April 1990. Stock # TB-1778. \$9.00. Examines how returns to land and real interest rates on farm mortgages affect farmland prices in the Corn Belt, selected winter wheat-growing areas of Kansas, and soybean- and cotton-growing areas of the Mississippi Delta.

Cash Rents for U.S. Farmland. 3.5" disk. Stock # 90025. \$25.00. Cash rents per acre for farms, cropland, and pasture (Eastern States, 1960-93), and cash rents per acre for irrigated and nonirrigated cropland, and pasture (Western States, 1984-93). Cattle grazing rates on privately owned nonirrigated land for the 17 Western States, 1979-92, are included. John Jones, ERS, 202-501-8264. (.WK1), updated 10/93.

Farm Real Estate Values. 3.5" disk. Stock # 86010. \$25.00. U.S. and State data on the value of land and buildings per acre and per farm, and real estate debt and taxes by year, 1950-94. John Jones, ERS, 202-501-8264. (.WK1), updated 6/94.

Farm Real Estate Taxes. 3.5" disk. Stock # 92002. \$25.00. Reports annual State data on total farm real estate taxes 1890-1989, taxes per acre 1909-91, and taxes per \$100 of value 1909-91. Jackie Ross, ERS, 202-219-0421. (.WK1), 6/93.

Value of Land & Buildings Per Acre. 3.5" disk. Stock # 87012. \$25.00. County and State data from the Census of Agriculture, 1850-1992. John Jones, ERS, 202-501-8264. (.WK1), 1/95.

Foreign Landownership

Charles Barnard (CBARNARD), 202-501-8291

Foreign Ownership of U.S. Agricultural Land Through December 31, 1994. *Statistical bulletin.* 49 pp. June 1995. Stock # SB-919. \$9.00. This annual analysis finds that foreigners owned 14.1 million acres of U.S. agricultural land as of December 31, 1994, or slightly more than 1 percent of all privately held agricultural land, and 0.65 percent of all U.S. land.

Foreign Ownership of U.S. Agricultural Land Through December 31, 1993: County Level Data. *Statistical bulletin.* 128 pp. May 1994. Stock # SB-881. \$15.00. Presents data for each county to show the number of acres and parcels, value, country of origin, and use of foreign-owned agricultural land.

State Restrictions on Landownership by Aliens and Businesses, December 31, 1992. *Research report.* 84 pp. September 1993. Stock # AH-702. \$12.00. A reference showing that 28 States have some type of law restricting alien ownership of land, and 10 States require aliens to report their landholdings within the State.

969

Agricultural Statistics Board Calendar

Monday	Tuesday	Wednesday	Thursday	Friday
HOLIDAY	1	2 Broiler Hatchery	3	4 Dairy Products Poultry Slaughter
	8 Egg Products	9 Broiler Hatchery Cotton Ginnings Crop Production	10 Crop Production - An ■ Grain Stocks Rice Stocks Winter Wheat and Rye Seedlings	11 Potato Stocks Turkey Hatchery
HOLIDAY	15 Milk Production	16 Broiler Hatchery Turkeys	17 Vegetables Vegetables - Annual	18 Livestock Slaughter Noncitrus Fruits and Nuts - Preliminary
Cold Storage	22 Catfish Processing	23 Broiler Hatchery	24 Cotton Ginnings	25 Cattle On Feed Peanut Stocks and Processing Sheep and Goats
Capacity of Hempseeded Warehouses	29	30 Agricultural Prices Broiler Hatchery Chickens and Eggs Lettuce and Egg Production - Annual	31	

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February

Dairy Products Egg Products Poultry Slaughter	4	5	Broiler Hatchery	6	7	8
Cotton/Citrus Production	11	Crop Production	12 Boiler Milk Production ●	13 Livestock - Annual Potato Stocks Turkey Hatchery	14	15
	18		19 Boiler Hatchery	20 Agricultural Chemical Usage - Field Crops	21 Agricultural Chemical Cattle On Feed	22 Carfish Processing Chickens and Eggs Cold Storage Livestock Slaughter
Cotton Ginnings Hop Stocks	25			27 Agricultural Prices Peanut Stocks and Processing	28 Grain Stocks Prospective Plantings Rice Stocks ● Hoos and Pias	29

March

Crop Progress Dairy Products Poultry Slaughter	5		6 Broiler Hatchery	7		2
Crop Production	12	Farm Labor Turkey Hatchery	13 Broiler Hatchery Milk Production	14		
Crop Progress	19	Cranberries	20 Broiler Hatchery	21 Chickens and Eggs	22	23
Crop Progress	26	Peanut Stocks and Processing Pistachio Prod. (Tent.) Turkeys	27 Broiler Hatchery	28	29	30
						●
						Agricultural Prices Walnut Prod. (Tent.)

August

HOLIDAY	2 Crop Progress Egg Products	3 Broiler Hatchery Poultry Slaughter	4		5 Dairy Products	6
Crop Progress	9 Cotton Ginnings Cotton Chipping Production on Vegetables	10 Crop Production ■	11 Broiler Hatchery	12 Milk Production Turkey Hatchery	13	
Crop Progress	16	17	18 Broiler Hatchery	19 Hop Stocks Potatoes	20 Cattle On Feed Cold Storage Livestock Slaughter	
Catfish Processing Chickens and Eggs Citrus Fruits Crop Progress	23	24	24 Broiler Hatchery	25 Cotton Ginnings	26 Hogs and Pigs Peanut Stocks and Processing Trout Production	27 ■
Grain Stocks Small Grains Summary Agricultural Prices	30 ●					



ECONOMIC RESEARCH SERVICE
U.S. Department of Agriculture

1996 Reports

JULY - DECEMBER

JULY				
Monday	Tuesday	Wednesday	Thursday	Friday

OCTOBER				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4 HOLIDAY	5
6	7	8 Aquaculture ³	9	10 World Agricultural Supply & Demand (Cotton) ¹
11	12 ■World Agricultural Supply & Demand (Cotton & Wool Outlook)	13 ▲Feed Outlook ²	14 HOLIDAY	15 ▲Feed Outlook ²
16	17	18 NAFTA	19	16 ▲Oil Crops Outlook ²
21	22 Agricultural Outlook U.S. Agricultural Trade Update ⁶	23 ●Livestock, Dairy & Poultry	24	17 ▲Rice Outlook ²
25	26 Vegetables & Specialties Yearbook	27	28	18 ▲Wheat Outlook ²
29	30	31	30	19 ●Hog Outlook ³

AUGUST				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4 HOLIDAY	5
6	7	8	9 World Agricultural Supply & Demand (Cotton) ¹	10
11	12 ■World Agricultural Supply & Demand (Cotton)	13 ▲Feed Outlook ²	14 HOLIDAY	15 ▲Feed Outlook ²
16	17	18 Oil Crops Outlook ²	19	16 ▲Oil Crops Outlook ²
20	21 Agricultural Outlook	22 U.S. Agricultural Trade Update	23 ●Livestock, Dairy & Poultry	17 ▲Rice Outlook ²
24	25 Agricultural Materials	26	27	18 ▲Wheat Outlook ²
28	29 Agricultural Exports	30	31	19 ●Hog Outlook ³

NOVEMBER				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4 HOLIDAY	5
6	7	8	9 World Agricultural Supply & Demand (Cotton) ¹	10
11	12 ■World Agricultural Supply & Demand (Cotton)	13 ▲Feed Outlook ²	14 HOLIDAY	15 ▲Feed Outlook ²
16	17	18 Oil Crops Outlook ²	19	16 ▲Oil Crops Outlook ²
20	21 Agricultural Outlook	22 U.S. Agricultural Trade Update	23 ●Livestock, Dairy & Poultry	17 ▲Rice Outlook ²
24	25 Agricultural Materials	26	27	18 ▲Wheat Outlook ²
28	29 Agricultural Exports	30	31	19 ●Hog Outlook ³

OCTOBER				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4 HOLIDAY	5
6	7	8 Aquaculture ³	9	10 World Agricultural Supply & Demand (Cotton) ¹
11	12 ■World Agricultural Supply & Demand (Cotton)	13 ▲Feed Outlook ²	14 HOLIDAY	15 ▲Feed Outlook ²
16	17	18 Oil Crops Outlook ²	19	16 ▲Oil Crops Outlook ²
20	21 Agricultural Outlook	22 U.S. Agricultural Trade Update	23 ●Livestock, Dairy & Poultry	17 ▲Rice Outlook ²
24	25 Agricultural Materials	26	27	18 ▲Wheat Outlook ²
28	29 Agricultural Exports	30	31	19 ●Hog Outlook ³

JULY				
Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4 HOLIDAY	5
6	7	8	9 World Agricultural Supply & Demand (Cotton) ¹	10
11	12 ■World Agricultural Supply & Demand (Cotton & Wool Outlook)	13 ▲Feed Outlook ²	14 HOLIDAY	15 ▲Feed Outlook ²
16	17	18 Oil Crops Outlook ²	19	16 ▲Oil Crops Outlook ²
20	21 Agricultural Outlook	22 U.S. Agricultural Trade Update	23 ●Livestock, Dairy & Poultry	17 ▲Rice Outlook ²
24	25 Agricultural Materials	26	27	18 ▲Wheat Outlook ²
28	29 Agricultural Exports	30	31	19 ●Hog Outlook ³

JANUARY - JUNE

JANUARY		APRIL							
Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday
1 HOLIDAY	2	3	4	5					
8	9	10 World Agricultural Supply & Demand (Cotton)	11 ■ World Agricultural Supply & Demand ¹	12 ▲ Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ² ● Hog Outlook ²	10 World Agricultural Supply & Demand (Cotton) ¹	11 ■ World Agricultural Supply & Demand ¹ ▲ Cotton & Wool Outlook ²	12 ▲ Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ² ● Hog Outlook ²	12 ▲ Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ² ● Hog Outlook ²	12 ▲ Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ² ● Hog Outlook ²
15 HOLIDAY	16	17	18	19					
22	23 ● Livestock, Dairy & U.S. Agricultural Trade Update	24	25	26	22 U.S. Agricultural Trade Update	23 ● Livestock, Dairy & Poultry	24 Europe Update	25 Vegetables & Specialties	26
29	30	31			29	30			

FEBRUARY		MAY							
Monday	Tuesday	Wednesday	Thursday	Friday	Monday	Tuesday	Wednesday	Thursday	Friday
5	6	7	8	9	6	7	8	9	10 ■ World Agricultural Supply & Demand (Cotton)
12 ▲ Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ● Cattle & Sheep Outlook ³	13	14	15	16 ● Poultry Outlook ³ Agricultural Income & Finance	13 ▲ Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ² ● Cattle & Sheep Outlook ³	14	15	16	17 ● Poultry Outlook ³
19 HOLIDAY	20 Agricultural Outlook	21 Agricultural Exports AGRICULTURAL OUTLOOK FORUM	22 AGRICULTURAL OUTLOOK FORUM	23 U.S. Agricultural Trade Update ³	20 Agricultural Outlook	21 U.S. Agricultural Trade Update ³	22	23 ● Livestock, Dairy & Poultry	24 Former USSR
26 ● Livestock, Dairy & Wheat Yearbook	27	28	29		28	29	30	30 Agricultural Exports	31

MARCH**JUNE**

Monday	Tuesday	Wednesday	Thursday	Friday
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			1	
4	5	6	7 Aquaculture ³	8
11 World Agricultural Supply & Demand (Cotton)	12 ■World Agricultural Supply & Demand ¹ ▲ Cotton & Wool Outlook ²	13 ▲Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ²	14	15
18 Former USSR Update	19 Sugar & Sweeteners	20 Agricultural Outlook	21 Dairy Outlook ³	22 U.S. Agricultural Trade Update ³
25 ●Livestock, Dairy & Poultry ³	26	27 Fruit & Tree Nuts	28	29

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SEPTEMBER

Monday	Tuesday	Wednesday	Thursday	Friday

2 HOLIDAY	3	4	5	6
9	10 World Agricultural Supply & Demand (Cotton)	11 ■World Agricultural Supply & Demand ¹ ▲ Cotton & Wool Outlook ²	12 ▲Feed Outlook ³ ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ²	13 ■World Agricultural Supply & Demand ¹ ▲ Cotton & Wool Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ²
16 Tobacco	17	18	19 Agricultural Outlook	20 Sugar & Sweeteners U.S. Agriculture & Trade Update
23 Dairy Outlook ³	24 Agricultural Income & Finance	25 ● Livestock, Dairy & Poultry ³	26	27
30				

DECEMBER

Monday	Tuesday	Wednesday	Thursday	Friday

2	3	4 Agricultural Exports	5	6
9	10	11 World Agricultural Supply & Demand (Cotton) ¹	12 ■World Agricultural Supply & Demand ¹ ▲ Cotton & Wool Outlook ²	13 ▲Feed Outlook ² ▲ Oil Crops Outlook ² ▲ Rice Outlook ² ▲ Wheat Outlook ²
16 Tobacco Yearbook	17 Agricultural Income & Finance	18 Europe	19 Sugar & Sweeteners Yearbook	20 Agricultural Outlook
23 U.S. Agricultural Trade Update ² ● Livestock, Dairy & Poultry ³	24	25 HOLIDAY	26	27
30	31			

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- Released at 9 a.m. ET
- ▲ Released at 4 p.m. ET

(To order reports, subscriptions, and data products, or to request a free catalog of available products and services.)

Crop Progress	1	Broiler Hatchery Dairy Products	2	Poultry Slaughter	3	Egg Products
Crop Progress	7	Vegetables	8	Broiler Hatchery	9	Cotton Ginnings Cotton/Citrus Production
HOLIDAY	14	Crop Progress Milk Production Turkey Hatchery	15	Broiler Hatchery	16	
Crop Progress	21	Chickens and Eggs Cold Storage	22	Broiler Hatchery Catfish Processing	23	Cotton Ginnings
Crop Progress	28	Catfish Production Peanut Stocks and Processing	29	Broiler Hatchery	30	Rice Stocks
						Agricultural Prices

Crop Progress Dairy Products Egg Products Poultry Slaughter	4	5	6	7	8	1
HOLIDAY	Crop Production	12 ●	13	Milk Production	14	Sheep Turkey Hatchery
	Crop Progress	19	20	Catfish Processing	21	Cattle On Feed Chickens and Eggs Cide Slaughter Livestock Slaughter
Crop Progress	18	19	Broiler Hatchery			22
Cotton Ginnings Crop Progress	25	26	Agricultural Prices Peanut Stocks and Processing	27	HOLIDAY	29

Crop Progress	2 Egg Products Poultry Slaughter	3 Broiler Hatchery	4 Dairy Products	5	6
	9	10 Broiler Hatchery Cotton Ginnings Cotton/Citrus Production	11 Crop Production	12 Turkey Hatchery Milk Production	13
Potato Stocks	16	17 Agricultural Chemicals - Restricted Use Summary Broiler Hatchery	18	19 Catfish Processing Cattle On Feed Chickens and Eggs Cold Storage Livestock Slaughter	20
Cotton Ginnings	23	24 HOLIDAY	25 Broiler Hatchery	26 Hogs and Pigs Peanut Stocks and Processing	27
Agricultural Prices	30	31			



*Remaining reports are issued at 3 p.m. except
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after lockup

8:30 a.m. release
after lockup

		Breeder Hatchery	1 Poultry Production and Value	2 Dairy Products Egg Products Poultry Slaughter	3
Crop Progress	6	7 Broiler Hatchery	8 Cotton Ginnings - Annual Cotton/Citrus Production	9 Crop Production	10 ●
Crop Progress	13	Farm Labor Potato Stocks Turkey Hatchery	14 Broiler Hatchery Milk - Rod., Disp., and Income Milk Production	15	16 Cattle On Feed Cattle Predator Loss
Crop Progress	20		21 Broiler Hatchery Cold Storage	22 Catfish Processing	23 Chickens and Eggs Livestock Slaughter
HOLIDAY	27	Crop Progress Peanut Stocks and Processing	28 Broiler Hatchery	29	30 Agricultural Prices
					31

Crop Progress Dairy Products	3	Egg Products Poultry Slaughter	4	Boiler Hatchery Minn.-Wis. Base Price - Final 1993.95	5	Month	14		7
Crop Progress	10	Cotton/Citrus Production	11	Crop Production <input checked="" type="checkbox"/>	12	Milk Production	13	Turkey Hatchery	6
Crop Progress	17			Broiler Hatchery <input checked="" type="checkbox"/>					
Crop Progress	17		18	Broiler Hatchery	19		20	Carfish Processing Cattle On Feed Cold Storage Livestock Slaughter	21
Chickens and Eggs Crop Progress	24		25	Boiler Hatchery Peanut Stocks and Processing	26	Agricultural Prices	27	Acreage Stocks Hogs and Pigs Almond Prod. (Tent.) Cherry Prod. (Tent.)	28

State Laws Relating to the Ownership of U.S. Land by Aliens and Business Entities, December 31, 1989. *Staff report.* 88 pp. March 1991. Stock # AGES 9111. \$12.00.

Foreign-owned Agricultural Land. Two 3.5" disks. Stock # 87015. \$35.00. Foreign investment by States and counties as of December 31, 1993. Includes data from over 13,000 reports filed under the Alien Foreign Investment Disclosure Act of 1978. Jackie Ross, ERS, 202-219-0421. ASCII, 6/95.

Irrigation and Water Use

Irrigation and Water, Noel Gollehon (GOLLEHON), 219-0413

Agriculture and the Environment in the European Union. *Research report.* 14 pp. October 1994. Stock # AIB-708. \$9.00. Examines some of the agriculture-related environmental problems confronting the European Union. Also describes the recent trends of agrichemical use in the EU and regional similarities and differences in environmental concern.

Atrazine: Environmental Characteristics and Economics of Management. *Research report.* 16 pp. September 1994. Stock # AER-699. \$9.00. Presents the costs and benefits of an atrazine ban, a ban on pre-plant and pre-emergent applications, and a targeted ban to achieve a surface water standard. Restricting or eliminating the use of atrazine in the Midwest would have important economic consequences for farmers and consumers.

Global Review of Resource and Environmental Policies: Water Resource Development and Management. *Research report.* 90 pp. June 1994. Stock # FAER-251. \$12.00. This report reviews how 30 countries develop and manage their water resources. Because the focus of the report is on agriculture, particular attention is given to irrigation.

Salmon Recovery in the Pacific Northwest: A Summary of Agricultural and Other Economic Effects. *Research report.* 10 pp. May 1994. Stock # AIB-699. \$7.50. This report finds that salmon populations in the Pacific Northwest have fallen to 20 percent of their peak historic levels due to fish harvesting and river development.

Chemigation: A Technology for the Future? *Research report.* 16 pp. July 1990. Stock # AIB-608. \$7.50. Defines and describes chemigation, the use of an irrigation system to apply chemicals to soils and plants. Also discusses benefits as well as management and resource considerations.

Agricultural Irrigation and Water Use. *Research report.* 128 pp. January 1992. Stock # AIB-638. \$15.00. Uses tables and graphics to illustrate how each State distributes, uses, and manages its water resources.

Irrigation PKG-3. Includes *Water Conservation Through Irrigation Technology* and *Agricultural Use of Federally Supplied Irrigation Water, 1979-86.* Stock PKG-3. \$14.00.

Agricultural Use of Federally Supplied Irrigation Water, 1979-86. *Statistical bulletin.* 70 pp. December 1989. Stock # SB-788. \$12.00. Describes trends in cropping patterns and Bureau of Reclamation water use for 1979-86.

Water Conservation Through Irrigation Technology. *Research report.* 12 pp. November 1989. Stock # AIB-576. \$7.50. Finds that new equipment and advanced water management practices conserve water without sacrificing crop yields.

Economics of Controlling Sediment from Irrigation: An Idaho Example. *Staff report.* 32 pp. September 1989. Stock # AGES 8933. \$9.00.

Irrigated Agriculture in the United States: State-Level Data. *Statistical bulletin.* 72 pp. January 1989. Stock # SB-767. \$12.00. Presents previously unreported State-level data on the structure and characteristics of irrigated farms in Arkansas, Louisiana, Florida, and the 17 Western States.

Factor Demand in Irrigated Agriculture Under Conditions of Restricted Water Supplies. *Research report.* 13 pp. July 1989. Stock # TB-1765. \$7.50. Uses a whole-farm irrigation management model to look at several scenarios of limited water supply.

Water Allocation Tradeoffs: Irrigation and Recreation. *Research report.* 21 pp. June 1990. Stock # AER-634. \$9.00. Develops a procedure for estimating the marginal value of water used for fishing that includes the effects of upstream diversions on all points downstream.

Technology and Agricultural Productivity in the Sahel. *Research report.* 27 pp. October 1989. Stock # AER-612. \$9.00. Focuses on factors that have slowed technology transfer in the Sahel and identifies conditions necessary for transfer to occur more rapidly.

Public Policies in Water-Resource Use: Their Effect on Groundwater Mining and Surface-Water Imports. *Research report.* 35 pp. July 1989. Stock # TB-1764. \$9.00. Analyzes the effect of public policies on the rate of groundwater use and on the timing of surface water transported into an area to satisfy regional water demand.

A User's Manual for the Irrigation Production Data System (IPDS). *Staff report.* 68 pp. April 1989. Stock # AGES 8910. \$12.00.

Economic and Technical Adjustments in Irrigation Due to Declining Ground Water. *Staff report.* 35 pp. February 1990. Stock # AGES 9018. \$9.00.

Soil and Water Management in West Africa: An Economic Analysis. *Staff report.* 10 pp. September 1989. Stock # AGES 8935. \$7.50.

Land Ownership and Tenure

Keith Wiebe (KWIEBE), 202-501-8283

Acquiring Farmland in the United States. *Research report.* 10 pp. September 1993. Stock # AIB-682. \$7.50. This report, based on data from the 1988 Agricultural Economics and Land Ownership Survey, finds that farmland owners acquired 18 percent of their farmland by purchase from a nonrelative.

Owning Farmland in the United States. *Research report.* 14 pp. December 1991. Stock # AIB-637. \$7.50. Looks at the concentration of landownership and characteristics of operator and nonoperator owners. Farmland ownership continues to become more concentrated in the hands of fewer people.

Women Farm Landlords in the United States. *Research report.* 11 pp. November 1993. Stock # AIB-681. \$7.50. Examines the extent of women's involvement in agricultural leasing, the characteristics of female landlords, and their participation in management decisions on their leased land.

Trends in Ownership Transfers of Rural Land. *Research report.* 8 pp. May 1990. Stock # AIB-601. \$7.50. Presents findings of 1988 survey of rural land transfers to determine rate of change of rural real estate ownership.

Rural Land Transfers in the United States. *Research report.* 16 pp. October 1989. Stock # AIB-574. \$7.50. Using a 1988 survey, report shows that 88.4 percent of all rural land transferred each year is agricultural land, but only 4.8 percent of land transferred each year goes to nonfarmers.

Structural Changes in U.S. Farmland. *Research report.* 17 pp. June 1990. Stock # AER-617. \$9.00. Examines changes in the distribution of land, sales, and tenure among farms.

Transfers of Rural Land. *Research report.* 4 pp. July 1989. Stock # AIB-568. \$7.50. Summarizes a 1988 nationwide survey of rural land transfers which found 4.6 percent of parcels and 3.5 percent of rural acreage changed hands in 1987.

Land Transfers, PKG-16. Includes *Trends in Ownership Transfers of Rural Land* and *Rural Land Transfers in the United States and Transfers of Rural Land*. Stock # PKG-16. \$14.00.

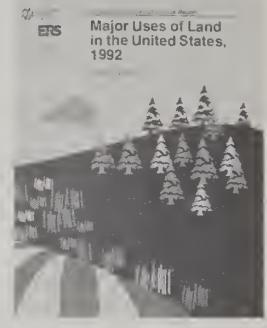
Leasing Farmland in the United States. *Staff report.* 16 pp. December 1991. Stock # AGES 9159. \$7.50.

Farmland Ownership and Renting in the United States, 1987. Staff report. 12 pp. June 1991. Stock # AGES 9130. \$7.50.

Land Use

Land Use, Arthur Daugherty (ARTHURD), 202-219-0424

NEW. Major Uses of Land in the United States, 1992. By Arthur B. Daugherty. *Research report.* 39 pp. September 1995. Stock # AER-723. \$9.00. Summarizes land use in the United States in 1992. Cropland accounted for 460 million acres, or 20 percent; grassland pasture and range for 591 million acres; forest-use land for 648 million acres; special uses for 281 million acres, and miscellaneous other land for 283 million acres. *AutoFAX summary document # 01203.*



Purchase of Development Rights and the Economics of Easements. *Research report.* 20 pp. June 1995. Stock # AER-718. \$9.00. Reviews easement programs in practice, easement valuation issues, the role of private land trusts, and relative values of farmland. Focuses on the underlying economics of easements: financing, pricing, and allocation.

Metropolitan Growth and Agriculture: Farming in the City's Shadow. *Research report.* 20 pp. September 1989. Stock # AER-619. \$9.00. Looks at farming in metro areas.

Urbanization of Rural Land in the United States. *Research report.* 59 pp. March 1994. Stock # AER-673. \$12.00. While urban area increased rapidly during the 1970's, it was a small percentage of total land area. Land consumption by urban uses has remained constant at about a half acre per household in fast-growth countries since 1960.

Urbanizing Farmland: Dynamics of Land Use Change in Fast-Growth Counties. *Research report.* 45 pp. August 1991. Stock # AIB-629. \$9.00. Using the popular briefing book style, this report shows that urbanization is not paving over the Nation's rural areas any more than in the past.

U.S. Grazing Lands: 1950-82. *Statistical bulletin.* 75 pp. January 1989. Stock # SB-771. \$12.00. Examines grazing trends, demands, resources, and conditions of resources through 1982.

Dynamics of Land Use Change, 1960's. 3.5" disk. Stock # 88017. \$25.00. Paired sample point data of land use change in 53 fast population growth counties in the United States. Data cover 12 major land uses including agricultural and urban. Marlow Vesterby, ERS, 202-219-0422. (.WK1), 5/88.

Land Use Change, 1970's. Two 3.5" disks. Stock # 88018. \$35.00. Paired sample point data of land use change in 135 fast population growth, 36 cropland loss, and 20 cropland gain counties in the United States. Data cover 15 major land uses including agricultural, forest, urban, and wetlands. Marlow Vesterby, ERS, 202-219-0422. 7/88.

Major Land Uses. 3.5" disk. Stock # 89003. \$25.00. State, regional, and national estimates of 15 major land uses including cropland, pasture and grazing, forest, and urban uses for Census of Agriculture years between 1945 and 1987. Ken Krupa, ERS, 202-219-0853. (.WK1), 11/90.

Water Quality and Use

Water Quality, Marc Ribaudo (MRIBAUDO), 202-501-8387

Economic Analysis of Selected Water Policy Options for the Pacific Northwest. *Research report.* 53 pp. June 1995. Stock # AER-720. \$12.00. Agriculture in the Pacific Northwest could use significantly less water with minimal impact on agricultural economic returns. Less water use by agriculture makes more water available for municipal, industrial, and recreational uses; for improved water quality and wildlife habitat; and for Native American water rights claims.

Voluntary Incentives for Reducing Agricultural Nonpoint Source Water Pollution. *Research report.* 11 pp. May 1995. Stock # AIB-716. \$7.50. This report presents recent research findings on the success of existing incentive programs. Agricultural chemicals and sediment from cropland may reduce the quality of America's surface and ground water resources.

The Benefits of Protecting Rural Water Quality: An Empirical Analysis. *Research report.* 27 pp. January 1995. Stock # AER-701. \$9.00. This report discusses two case studies which show how nonmarket valuation methods can be used to include water-quality benefits estimates in economic analyses of policies to prevent or reduce water pollution.

Agricultural and Water-Quality Conflicts: Economic Dimensions of the Problem. *Research report.* 18 pp. July 1993. Stock # AIB-676. \$9.00. Summarizes conflicts between agricultural production and water quality, and discusses policies that stress the use of economic and technical assistance incentives to encourage adoption of pollution-reducing farm practices.

Cotton Production and Water Quality: Economic and Environmental Effects of Pollution Prevention. *Research report.* 44 pp. December 1992. Stock # AER-664. \$9.00. Finds that environmental damage to surface and ground water posed by cotton farming may be reduced, with only limited

effects on yields and prices, if restrictions on agrichemical use or production are applied to just those acres most vulnerable to water-quality problems.

Estimating Water Quality Benefits: Theoretical and Methodological Issues. *Research report.* 28 pp. September 1992. Stock # TB-1808. \$9.00. Reviews practical approaches and theoretical foundations for estimating the economic value of changes in water quality to recreation, navigation, reservoirs, municipal water treatment and use, and roadside drainage ditches.

Economics of Agricultural Management Measures in the Coastal Zone. *Research report.* 45 pp. February 1995. Stock # AER-698. \$9.00. The Coastal Zone Management Act (CZMA), with amendments (CZARA), is the first federally mandated program requiring specific measures to deal with agricultural nonpoint sources of pollution. This report examines the economic impact of required management measures on farms in coastal areas.

Point-Nonpoint Source Trading for Managing Agricultural Pollutant Loadings: Prospects for Coastal Watersheds. *Research report.* 24 pp. September 1993. Stock # AER-674. \$9.00. Shows that "trading" cleanup efforts among pollution sources would allow a polluting firm to sponsor pollution controls elsewhere in a watershed rather than install controls of its own.

Economic Benefit Considerations in Selecting Water Quality Projects: Insights from the Rural Clean Water Program. *Staff report.* 36 pp. May 1989. Stock # AGES 8918. \$9.00.

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
NASS (720- phone numbers): @ag.gov

Livestock, Dairy, & Poultry

Statistics, John Witzig (JWITZIG), 202-720-6146

Livestock Slaughter. *Subscription.* 12 issues plus annual summary. Stock # PLS. 1 yr, \$31.00; 2 yrs, \$61.00; 3 yrs, \$90.00.

Jan 19, Feb 23, Mar 22, Apr 19, May 24, Jun 21, Jul 19, Aug 23, Sep 20, Oct 25, Nov 22, Dec 20. Number of head, live weight, and dressed weight of cattle, calves, sheep and lambs, and hogs and pigs slaughtered in commercial plants, and number by class in federally inspected plants by States. Red meat production by species by States and U.S.

Annual Summary: March 14. Annual summary for total livestock slaughter and meat production for 1995 by States and months. Number of cattle, calves, sheep and lambs, and hogs and pigs slaughtered in federally inspected plants by class for selected States and U.S. Number of goats and equine slaughtered in federally inspected plants in 1995, U.S. Weekly number of head slaughtered in federally inspected plants by species and class, U.S. Number of federally and non-federally inspected plants and number of head slaughtered in 1995. Also number of head slaughtered in federally inspected plants by size group and species, U.S.

Meat Animals: Production, Disposition, and Income.

Annual report, April 11. Stock # ZMA-96. \$9.00. Annual balance sheet and income estimates for cattle, hogs, and sheep. Includes estimates of beginning and ending inventories, births, deaths, inshipments, marketings, and ending inventories. Also includes total production and marketings in pounds, average prices, value of production, cash receipts, home consumption, and gross marketings by State and U.S., 1994 and 1995.

U.S. Quarterly Demand for Meats. *Technical bulletin.* 38 pp. February 1995. Stock # TB-1841. \$9.00. This study estimates a model of U.S. quarterly demand for meats with application to nutrition and other empirical issues. The estimated demand model is useful for improving forecasts of shortrun meat prices and consumption and for program analysis.

Livestock, Dairy, and Poultry Situation and Outlook Monthly. *Subscription.* 12 issues. Stock # LDP-M. \$28.00. Twelve monthly issues include timely livestock, dairy, and poultry information in a single, 12-page report. Focuses on current production, price, and trade statistics for each of the sectors.

LDP Situation and Outlook—All. *Subscription.* Stock # LDP-A. \$66.00. Includes all 34 issues under the LDP series: *LDP Monthly, Aquaculture Outlook, Cattle and Sheep Outlook, Dairy Outlook, Hog Outlook, Poultry Outlook, Red Meats Yearbook, Poultry Yearbook, and Dairy Yearbook.*

Mink. *Annual report,* July 22. Stock # ZMI-96. \$7.50. Number of mink pelts produced during the marketing year, number of females bred to produce kits, number of

mink farms, average marketing price per pelt, and value of pelts produced by major States and U.S.

Meat Animals, Production, Disposition, and Income: Final Estimates, 1988-92. *Statistical bulletin.* March 1995. Stock # SB-907. \$10.00.

Red Meats Yearbook. *Statistical bulletin.* 118 pp. 1995. Stock # SB-921. \$15.00. A statistical review covering commercial livestock slaughter; average liveweight per head; average dressed weight; commercial meat production; cold storage stocks; imports and exports; livestock prices, wholesale and retail; supply and utilization, livestock numbers, and more.

Cow-Calf Costs of Production, 1990-91. *Research report.* 24 pp. May 1993. Stock # AIB-670. \$9.00. Finds that net returns after both cash and economic costs improved for cow/calf producers in 1990 and 1991.

Livestock and Meat Statistics, 1970-92. *Statistical bulletin.* 95 pp. January 1994. Stock # SB-874. \$12.00. A compilation of data on commercial livestock slaughter, average liveweight per head, average dressed weight, commercial meat production, cold storage stocks, trade, wholesale and retail prices, supply and utilization, livestock numbers, and more.

Animal Feeds Compendium. *Research report.* 158 pp. May 1992. Stock # AER-656. \$15.00. Note: *Limited supplies; please call before ordering.* Analyzes production, distribution, marketing, trends in supply and demand, and relative value of many commercially important feedstuffs.

Costs of Producing U.S. Livestock, 1972-87: Estimating and Methodology Update. *Research report.* 98 pp. April 1990. Stock # AER-632. \$12.00. Presents a way to make a consistent set of cost and returns estimates for U.S. livestock production in 1972-87, a period in which there were data gaps and in which many estimating methods and formats were used.

U.S. Poultry and Red Meat Consumption, Prices, Spreads, and Margins. *Research report.* 11 pp. October 1993. Stock # AIB-684. \$7.50. Reports that total poultry and red meat per capita consumption set new records almost every year between 1960 and 1992, chiefly due to increased poultry consumption.

Livestock Slaughter. 3.5" disk. Stock # 94145. \$25.00. Includes two data sets: weekly federally inspected (FI) head, and monthly head, liveweight, dressed weight and meat production for commercial and FI. The monthly data are in ASCII, comma delimited files (file extension .DTA) with U.S. data for 1974-93. The weekly head kill by species and class is in Lotus .WK1 files for 1978-93, U.S. only. Linda Simpson, NASS, 202-720-3578. ASCII and .WK1, 7/94.

Red Meat Yearbook. 3.5" disk. Stock # 94006. \$25.00. Monthly data, 1970-94, on commercial livestock slaughter and meat production; livestock and meat prices and price indexes; inventories of cattle, hogs, and sheep; and meat supply and utilization. Steve Reed, ERS, 202-219-0828. (.WK1), 7/95.

Livestock County Data. 3.5" disk. Stock # 93105B. \$25.00. Most recent five years of inventory or yearly production estimates by county for cattle and calves, milk production, hogs and pigs, sheep and lambs, chickens, layers, and egg production as required by each State's Department of Agriculture program. Local (State) funding may limit data available for a specie(s) or year(s), including some major production States. There are multiple compressed files, each in a separate executable file for uncompressing. Jim Brueggen, NASS, 202-720-7018. ASCII, 9/95.

NEW. Cattle, Hogs, Sheep, Chickens, by State. 3.5" disk. Stock # 95131. \$25.00. State-level inventory estimates for all cattle, Jan. 1, 1867-1995; all hogs, Dec. 1, 1866-1992, and quarterly inventory and farrowings, 1930-94; sheep inventory and lamb crop, Jan. 1, 1867-94 (earlier years only have inventory); chickens, number, value, and class, (in Lotus .WK1 format), Dec. 1, 1983-94. Doyle Fuchs, NASS, 202-720-6880. [ASCII, comma delimited], 7/95.

Cattle, Hogs, Sheep, Chickens, by State. 3.5" disk. Stock # 92131. \$25.00. State-level inventory estimates for all cattle, January 1, 1975-93; all hogs, December 1, 1975-92; sheep, January 1, 1975-93; chickens, December 1, 1983-92. Doyle Fuchs, NASS, 202-720-6880. (.WK1), 9/93.

Price Spreads for Beef and Pork. 3.5" disk. Stock # 90006. \$25.00. Monthly data, 1970-93, on farm-to-retail price spreads for beef and pork. Includes farm-to-carcass and carcass-to-retail spreads and retail prices. Lawrence Duewer, ERS, 202-219-1269. (.WK1), 2/95.

Cattle

Economics, Steve Reed (SREED), 202-219-0828
 Statistics, Dean Groskurth (DGROSKURTH), 202-720-3040
 World Beef, Ron Gustafson (RONALDG), 202-219-0848
 World Meat, Millie Haley (MHALEY), 202-219-0833

Cattle and Sheep Outlook. Subscription. Four quarterly issues plus *Red Meats Yearbook*. Stock # LDP-CS. \$22.00. Detailed analysis and data covering the outlook for cattle and sheep.

Cattle. Subscription. 2 *Cattle* reports plus 12 issues of *Cattle on Feed*. Stock # PCT. 1 yr, \$29.00; 2 yrs, \$56.00; 3 yrs, \$84.00.

February 2: Inventory number by class of all cattle and calves as of January 1, 1996, and number of calves born during 1995 by States. Number of all cattle and number by classes July 1, 1995, U.S. Number of operations keeping cattle, beef cows, and milk cows by State and U.S. in 1995. Number of operations and percentage distribution of cattle, beef cow, and milk cow operations, and inventory by size

groups in major States and U.S. Total number on feed January 1, 1996, by States and U.S.

July 19: Inventory number of all cattle and calves and number by classes, U.S., July 1, 1996. Expected 1996 calf crop, U. S.

Cattle on Feed: Jan 26, Feb 23, Mar 22, Apr 19, May 17, Jun 21, Jul 19, Aug 23, Sep 20, Oct 18, Nov 22, Dec 20. All issues show monthly total number on feed, placements, marketings, and other disappearance for feedlots with 1,000 head or more capacity for selected States and U.S. Number on feed by class, shown for feedlots with 1,000 head or more capacity in January, April, July, and October reports. Number of feedlots and fed cattle marketings during 1995 and January inventory 1996 by size groups for 13 States in February report.

Cattle Feeding, 1962-89: Location and Feedlot Size. Research report. 60 pp. April 1991. Stock # AER-642. \$12.00. Finds that four Plains States marketed over 70 percent of the 22,955,000 head of cattle fed in 13 cattle-feeding States in 1989.

Cow/Calf Ranching in 10 Western States. Research report. 10 pp. May 1994. Stock # AER-682. \$9.00. This report identifies differences between beef cow/calf operations with permits to graze Forest Service (FS) and Bureau of Land Management (BLM) land and other operations in 10 Western and Plains States.

Changes in the Red Meat and Poultry Industries: Their Effect on Nonmetro Employment. Research report. 24 pp. March 1993. Stock # AER-665. \$9.00. Explores growth in the red meat and poultry industries and how it will affect employment in nonmetro America.

Reevaluation of the Beef Carcass-to-Retail Weight Conversion Factor. Research report. 44 pp. October 1989. Stock # AER-623. \$9.00. Develops a new method for evaluating the conversion factor used for changing beef carcass weight data to retail weight.

Cattle: Final Estimates, 1989-93. Statistical bulletin. January 1995. Stock # SB-905. \$10.00.

Quarterly Forecasting of Meat Retail Prices: A Vector Autoregression Approach. Staff report. 20 pp. June 1989. Stock # AGES 8927. \$7.50.

Beefpacking and Processing Plants: Computer-Assisted Cost Analysis. Staff report. 71 pp. April 1991. Stock # AGES 9115. \$12.00.

Choice Beef Prices and Price Spreads Series: Methodology and Revisions. Staff report. 52 pp. February 1991. Stock # AGES 9106. \$9.00.

U.S. Live Cattle Imports. 3.5" disks. Stock # 91007. \$25.00. Monthly data, 1970-90, on imports from Mexico and Canada by weight class and breeding animals by type. Data are arranged by tariff schedule classification, quantity, and value. (.WK1), 5/91.

Livestock, Dairy, & Poultry

Beef Packer Cost Analyzer. 3.5" disk. Stock # 91012. \$25.00. PACKER is a microcomputer program designed to analyze operating costs for six sizes of beef packing and fabricating plants for five levels of operating output. PACKER tabulates total costs as well as costs by each of 20 operating stages and by accounts and subaccounts. NOTE: Requires a PC or compatible computer with BASIC or BASICA.
Lawrence Duewer, ERS, 202-501-8522. 9/91.

Dairy

Dairy Products, Jim Miller (JMJILLER), 202-219-0834
Statistics, Kevin Hintzman (KHINTZMAN), 202-720-4448
World Dairy, Richard Stillman (STILLMAN), 202-219-0844

Dairy Products. *Subscription.* 12 issues plus annual summary. Stock # PDP. 1 yr, \$29.00; 2 yrs, \$56.00; 3 yrs, \$84.00.

Jan 5, Feb 2, Mar 4, Apr 4, May 3, Jun 3, Jul 3, Aug 5, Sep 6, Oct 2, Nov 4, Dec 5. Production of butter, cheese, frozen products, evaporated, condensed, and dry milk and whey products. Shipments, stocks, and prices of dry milk and whey products, major States and U.S.

Annual Summary: April 26. Summary of production for manufactured dairy products for 1995 and revised data for 1994.

Dairy Outlook. *Subscription.* Stock # LDP-D. \$22.00. Subscription includes 4 quarterly issues plus *Dairy Yearbook*. Detailed analysis and data covering the outlook for the dairy sector.

Milk Production. *Subscription.* 12 issues plus supplement. Stock # PMP. 1 yr, \$26.00; 2 yrs, \$50.00; 3 yrs, \$75.00.

Jan 16, Feb 16, Mar 13, Apr 15, May 15, Jun 13, Jul 15, Aug 14, Sep 13, Oct 15, Nov 14, Dec 13. Number of milk cows, production per cow, and total milk production during preceding month, for major States in all issues.

January, April, July, October: Number of milk cows and production, quarterly, by States and U.S.; daily quantity and value of grain and concentrates fed quarterly by States and U.S.

February: Number of milk cows, production per cow, and milk production revised by months, 1994 and 1995 by States and U.S. Number of milk cow operations for major States and U.S. Number of milk cow operations, percent of operations, inventory, and milk production, by size groups, major States, and U.S.

May: Annual feeding rates and ration values by State and U.S.

Milk Production, Disposition, and Income: May 15. Annual number of milk cows, production per cow, and production for the year by State and U.S., 1993-95. Amount of milk used on farms and amount sold, cash receipts, and value of production by State and U.S.

Minnesota-Wisconsin Base Month Price Final

1993-95. Annual report, June 5. Stock # ZPR-96. \$7.50. MN-WI manufacturing grade milk price series and final two-State estimates for previous 2 years.

Minnesota-Wisconsin Base Month Price: Jan 5, Feb 5, Mar 5, Apr 5, May 3, Jun 5, Jul 5, Aug 5, Sep 5, Oct 4, Nov 5, Dec 5. These reports are issued through the Wisconsin State Statistical office at Noon, CT, call (608) 264-5317.

Dairy Yearbook. *Statistical bulletin.* 32 pp. August 1994. Stock # SB-889. \$9.00. Data on dairy production, number of cows, wholesale dairy product prices, disappearance, per capita consumption, and more.

Milk: Final Estimates, 1988-92. *Statistical bulletin.* February 1995. Stock # SB-909. \$10.00.

Changing Structure of U.S. Dairy Farms. *Research report.* 19 pp. July 1994. Stock # AER-690. \$9.00. This brief study shows large dairy farms (with 100 or more milk cows) housed nearly half of the U.S. dairy herd in 1993.

The U.S. Dairy Pricing System. *Research report.* 11 pp. April 1994. Stock # AIB-695. \$7.50. This primer on the milk pricing system explains the legislative and regulatory nature of dairy pricing. Pricing milk and milk products must accommodate seasonally variable supply and demand.

Landmarks in the U.S. Dairy Industry. *Research report.* 23 pp. March 1994. Stock # AIB-694. \$9.00. This clearly written, easy-to-follow bulletin is a chronology of key events for the U.S. dairy industry. Lists events in three categories: onfarm milk production and handling, processing, manufacturing, and distribution; and public policy.

Determinants of the Farm-to-Retail Milk Price Spread. *Research report.* 11 pp. March 1994. Stock # AIB-693. \$7.50. Shows that farm-to-retail milk price spreads increased significantly during late 1990 and early 1991, as farm prices decreased while retail prices either stayed the same or went down slowly.

An Evaluation of Fluid Milk and Cheese Advertising. *Research report.* 36 pp. November 1993. Stock # TB-1828. \$9.00. The authors use econometric demand models to control for variables that influence the demand for milk and cheese. These variables include generic and branded advertising, market prices, income, and demographic characteristics.

Costs of Producing Milk, 1989 and 1990. *Research report.* 20 pp. August 1992. Stock # AIB-653. \$7.50. Finds that the total economic cost of producing milk in the United States was \$14.74 per cwt of milk in 1989 and \$14.98 in 1990.

Dairy Yearbook. 3.5" disk. Stock # 89032. \$25.00. Annual data on the production, supply, and use of milk and manufacturing dairy products, 1970-92. Also includes wholesale and retail price indexes, prices received by farmers, milk production costs, and data on regional shares of U.S. milk production. Jim Miller, ERS, 202-219-0834. (.WK1), 8/94.

Hogs

Economics, Steve Reed (SREED), 202-219-0828
 Statistics, Mike Pallesen (MPALLESEN), 202-720-3106

Hog Outlook. *Subscription. Stock # LDP-H.* Subscription includes 4 quarterly issues plus *Red Meats Yearbook*. Detailed analysis and data on the hog sector.

Hogs and Pigs. *Subscription. 4 issues. Stock # PHP.* 1 yr, \$17.00; 2 yrs, \$32.00; 3 yrs, \$48.00.

March 29: Inventory number by classes as of March 1; December 1995-February 1996 farrowings and pig crop; March-August 1996 farrowings indicated by breeding intentions for 16 States and U.S.

June 28: Inventory number by classes as of June 1; March-May 1996 farrowings and pig crop; June-November 1996 farrowings intentions for 16 States and U.S.

September 27: Inventory number by classes as of September 1; June-August 1996 farrowings and pig crop; September 1996-February 1997 farrowings intentions for 16 States and U.S.

December 27: Inventory number by class of all hogs and pigs as of December 1; September-November 1995 farrowings and pig crop; December 1995-May 1996 farrowings intentions, 16 States and U.S. Farrowings and pig crop December 1994-November 1995 by three-month periods by States. Number of operations keeping hogs by States and U.S. Number of hog operations and percent of inventory by size groups for 16 States and U.S.

Commercial Hog Farms: Financial and Structural Characteristics, 1987-91. *Research report.* 15 pp. May 1994. Stock # AIB-700. \$7.50. This bulletin finds that commercial hog farms in 1987-91 had an average inventory of 2,000 hogs and operated 400 acres, according to USDA's Farm Costs and Returns Survey.

Costs and Structure of U.S. Hog Production, 1988-91. *Research report.* 24 pp. March 1994. Stock # AIB-692. \$9.00. Shows that hog producers' receipts and costs from 1988-91 peaked in 1990.

Financial Performance of Specialized Hog Farms. *Research report.* 12 pp. December 1989. Stock # AIB-578. \$7.50. Finds that specialized hog farms had more favorable financial conditions in 1987 than most other commodity specialty farms.

Hogs and Pigs: Final Estimates, 1988-92. *Statistical bulletin.* December 1994. Stock # SB-904. \$10.00.

Poultry and Eggs

Economics, Milton Madison (MMADISON), 202-219-0046
 Statistics (eggs), Thomas Kruchten (TKRUCHTEN), 202-690-4870
 Statistics (broilers), Dan Boostrom (DBOOSTROM), 202-720-3244

Broiler Hatchery. *Subscription. 52 issues, weekly plus 2 supplements. Stock # PBH.* 1 yr, \$70.00; 2 yrs, \$138.00; 3 yrs, \$207.00.

Number of broiler chicks placed and eggs set for the previous week, 15 selected States. Available every Wednesday or, if Federal holiday is on a Tuesday or Wednesday, next business day.

Hatchery Production, Annual: April 15. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched, monthly, major States and U.S. Number of eggs in incubators on the first of each month by region and U.S. Broiler chicks placed and eggs set by weeks for the 15 selected States. Turkey poultts placed and turkey eggs in incubators by region and U.S.

Poultry: Production and Value: May 2. Estimates of production and value for commercial broilers, eggs, turkeys raised, and chickens sold for 1994-95 by State and U.S.

Poultry Outlook. *Subscription. Stock # LDP-P.* \$22.00. Subscription includes 4 quarterly issues plus *Poultry Yearbook*. Detailed analysis and data covering the poultry sector.

Chickens and Eggs. *Subscription. 12 issues plus 3 supplements. Stock # PEC.* 1 yr, \$36.00; 2 yrs, \$70.00; 3 yrs, \$105.00.

Jan 31, Feb 23, Mar 22, Apr 23, May 24, Jun 24, Jul 23, Aug 22, Sep 23, Oct 22, Nov 22, Dec 20. Number of layers on hand, eggs per 100 layers, and total eggs produced during preceding month by type of flock by major States and U.S. Number of layers and eggs produced per 100 layers on the first of the month by major States and U.S. Pulletts added and layers' disposition in the 30 selected States. Layers being molted and molt completed by major States and U.S. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched during preceding month, major States and U.S. and number of eggs in incubators on the first of the month by region and U.S. Number of broiler-type pullet chicks for hatchery supply flocks (total and domestic) and number of egg-type pullet chicks for hatchery supply flocks, U.S.

Layers and Egg Production, Annual. January 31. Monthly estimates of the number of layers on hand, rate of lay and egg production in the 30 selected States and U.S. for 1994 and 1995. December 1, 1994, and 1995 chicken inventories and values by State. Hatching egg production during the month by type, 30 selected States and U.S.

Livestock, Dairy, & Poultry

Hatchery Production, Annual: April 15. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched, monthly, major States and U.S. Number of eggs in incubators on the first of each month by region and U.S. Broiler chicks placed and eggs set by weeks for the 15 selected States. Turkey poult placed and turkey eggs in incubators by region and U.S.

Poultry: Production and Value: May 2. Estimates of production and value for commercial broilers, eggs, turkeys raised, and chickens sold for 1994-95 by State and U.S.

Egg Products. *Subscription.* 12 issues. Stock # PEP. 1 yr, \$26.00; 2 yrs, \$50.00; 3 yrs, \$75.00.

Jan 9, Feb 2, Mar 4, Apr 4, May 3, Jun 4, Jul 3, Aug 2, Sep 3, Oct 4, Nov 4, Dec 3. Shell eggs broken, federally inspected, form in which broken, liquid usage and form of product for distribution in commerce.

Turkey Hatchery. *Subscription.* 12 issues plus 4 supplements. Stock # PTH. 1 yr, \$29.00; 2 yrs, \$56.00; 3 yrs, \$84.00.

Jan 12, Feb 14, Mar 14, Apr 15, May 14, Jun 14, Jul 15, Aug 13, Sep 13, Oct 15, Nov 15, Dec 13. Number of turkey eggs in incubators on first of current month and poult placed during preceding month, including previous month revisions by geographic regions and U.S.

Turkeys: January 17. Number of turkeys raised during preceding year and intended to be raised during current year, major States and U.S. Revised turkey poult placed for the September through August hatching period, U.S.

Turkeys: August 26. Preliminary number of turkeys raised during current year and revisions for the previous year, major States and U.S.

Hatchery Production, Annual: April 15. U.S. commercial hatchery data on number of broiler-type and egg-type chicks hatched, monthly, major States and U.S. Number of eggs in incubators on the first of each month by region and U.S. Broiler chicks placed and eggs set by weeks for the 15 selected States. Turkey poult placed and turkey eggs in incubators by region and U.S.

Poultry: Production and Value: May 2. Estimates of production and value for commercial broilers, eggs, turkeys raised, and chickens sold for 1994-95 by State and U.S.

Poultry Slaughter. *Subscription.* 12 issues. Stock # PPY. 1 yr, \$26.00; 2 yrs, \$50.00; 3 yrs, \$75.00.

Jan 5, Feb 2, Mar 4, Apr 4, May 3, Jun 4, Jul 2, Aug 5, Sep 4, Oct 3, Nov 4, Dec 3. Number of head and pounds slaughtered under Federal inspection by type, for the U.S. Total liveweight of poultry slaughtered, and condemnations by selected States and U.S.

Poultry Yearbook, 1994. *Statistical bulletin.* 187 pp. Dec. 1994. Stock # SB-916. \$15.00. Covers production, supply and disappearance, and prices and costs of eggs, broilers, other chicken, and turkeys.

U.S. Egg and Poultry Statistical Series, 1960-92. *Statistical bulletin.* 244 pp. January 1994. Stock # SB-872. \$15.00. Data on eggs, broilers, and turkeys cover indicators of production, stocks, trade, per capita consumption, costs of production, farm prices, wholesale prices, and retail prices.

Poultry Production and Value: Final Estimates, 1988-93. *Statistical bulletin.* May 1995. Stock # SB-910. \$10.00.

Chickens and Eggs: Final Estimates, 1988-93. *Statistical bulletin.* January 1995. Stock # SB-908. \$10.00.

Turkeys: Final Estimates, 1988-93. *Statistical bulletin.* March 1995. Stock # SB-911. \$10.00.

Poultry Yearbook, 1995. Three 3.5" disks. Stock # 89007B. \$45.00. Monthly and annual data, 1960-94, on production, supply, disappearance, prices, and costs for eggs, broilers, other chickens, turkeys. Milton Madison, ERS, 202-219-0046. (.WK1), 12/95.

U.S. Broiler Industry. 3.5" disk. Stock # 89006. \$25.00. Comprehensive data on the broiler industry including data on consumption, prices, and demand; production; processing; and marketing. Most data series cover 1965-87. Milton Madison, ERS, 202-219-0046. (.WK1), 10/88.

Sheep

Statistics, Linda Simpson (LSIMPSON), 202-720-3578

Cattle and Sheep Outlook. *Subscription.* 4 quarterly issues plus *Red Meats Yearbook*. Stock # LDP-CS. \$22.00. Detailed analysis and data covering the outlook for cattle and sheep.

Sheep and Goats. *Subscription.* 5 issues. Stock # PGG. 1 yr, \$19.00; 2 yrs, \$36.00; 3 yrs, \$54.00.

Sheep: April 19, July 19, November 15. Sheep and lamb inventory by class, 1996, selected States or regions, and expected 1996 lamb crop (July only) by region and U.S.

Sheep and Goats: January 26. Number of sheep and classes by State and U.S., 1995 and 1996. January 1 Angora goat inventory and value for AZ, MI, NM, OK, and TX, 1995 and 1996. All goat inventory and value for TX only, 1994-96. Lamb crop by State and U.S., 1994 and 1995. Number of operations keeping sheep by State and U.S., 1994 and 1995. Operations and inventory by size groups, regions, and U.S., 1995 and 1996.

Wool and Mohair: March 27. Number of sheep shorn, wool production, price, and value by States for 1994 and 1995. Number of goats clipped, mohair production, and value for AZ, MI, NM, OK, and TX for 1994 and 1995.

The U.S. Sheep Industry. *Staff report.* 52 pp. July 1990. Stock # AGES 9048. \$9.00.

Sheep Production in 11 Western States. *Staff report.* 37 pp. September 1991. Stock # AGES 9150. \$9.00.

Sheep and Goats: Final Estimates, 1989-93. *Statistical bulletin.* January 1995. Stock # SB-906. \$10.00.

Rural America

Rural Conditions, Linda Gheffi (LGHEFFI), 202-219-0484
Nonmetro County Typologies, Peggy Cook (PROSS), 202-219-0095

Rural Conditions and Trends. *Subscription.* 3 issues. Stock # RCA. \$15.00. Tracks rural events on a variety of subjects: national economic trends, employment and under-employment, industrial structure, earnings and income, poverty, and population. Occasional special articles look at topics such as national economic links to rural America and the farm labor force. Quick-read text and sharp graphics will help you get the information you need to know efficiently, effectively.

Understanding Rural America. *Research report.* 25 pp. February 1995. Stock # AIB-710. \$9.00. The diversity of rural America and the changes it has undergone in the last half century have resulted in a wide variety of economic conditions and needs. This full-color report documents changes in rural employment, population, and well-being for six categories of rural counties: those that depend on farming, manufacturing, and services, and those that have high concentrations of retirees, Federal lands, and poverty.

The Revised ERS County Typology: An Overview. *Research report.* 48 pp. December 1994. Stock # RDRR-89. \$9.00. Describes an expanded and revised version of ERS' 1979 classification of nonmetro counties, commonly called the ERS typology. The classification has been widely used by researchers, policy analysts, and public officials as a source of information about the economic and social diversity characterizing rural America. Classifies nonmetro counties into one of six types: farming-dependent, mining-dependent, manufacturing-dependent, government-dependent, services-dependent, and nonspecialized.

The Family Support Act: Will It Work in Rural Areas? *Research report.* 225 pp. April 1993. Stock # RDRR-83. \$15.00. Finds that although the FSA should help some rural families escape the welfare rolls, it is not a cure-all for poverty.

Agricultural and Rural Economic and Social Indicators. *Research report.* 61 pp. March 1993. Stock # AIB-667. \$12.00. This guide provides descriptions and illustrative samples of available statistics from the agricultural and rural economic and social indicators published by ERS.

Rural America: Economic Performance, 1989. *Research report.* 24 pp. August 1990. Stock # AIB-609. \$9.00. Finds that rural America's economy in 1980-89 was more sluggish than the urban economy and continued to undergo industrial restructuring.

Geographic Distribution of Federal Funds in 1985. *Staff report.* 109 pp. March 1989. Stock # AGES 897. \$9.00.

The Drought of 1988: Effects on the U.S. Food and Fiber Sector and on Rural Communities. *Staff report.* 53 pp. January 1989. Stock # AGES 898. \$9.00.

Local Response to Federal Budget Policies: A Study of Nonmetropolitan Communities in Ohio. *Staff report.* 41 pp. June 1989. Stock # AGES 8924. \$9.00.

An Update: The Diverse Social and Economic Structure of Nonmetropolitan America. *Staff report.* 38 pp. May 1990. Stock # AGES 9036. \$9.00.

USDA Historical Budget Outlays, 1962-99. 3.5" disk. Stock # 95004. \$25.00. Contains Federal budget outlay data for programs administered by USDA. Includes program function/subfunction codes, account codes and titles, Bureau codes and titles, and budget outlays. Walt Gardner, ERS, 202-219-0545. 3/95.

ERS' Rural County Typology Codes. 3.5" disks. Classifies nonmetro counties into economic and policy types that characterize the economic and social diversity of rural America. The 1979 codes are the original typology which identified seven major overlapping themes or types: farming, manufacturing, mining, government, persistent poverty, Federal lands, and retirement-destination counties. The 1986 codes are an update of the original typology and show how the economic and social structure of nonmetro counties changed from 1976-86. The 1989 codes are a revised and expanded version of the earlier typology and include 11 county types: six distinct economic types—farming, mining, manufacturing, government, services, and nonspecialized counties—and five overlapping policy types—retirement-destination, Federal lands, commuting, persistent poverty, and transfer-dependent counties. Peggy Cook, ERS, 202-219-0095. 11/94.

Stock # 86005A	1979 county typologies (1 disk)	\$25.00
Stock # 86005B	1986 county typologies (1 disk)	\$25.00
Stock # 86005C	1989 revised county typologies (1 disk)	\$25.00

Rural Development

Agriculture & Community Linkages, Gerald Schluter (SCHLUTER), 202-219-0785
Business and Industry, Fred Gale (FGALE), 202-219-0594
Credit and Financial Markets, Pat Sullivan (SULLIVAN), 202-219-0721
Local Government Finance, Richard Reeder (RREEDER), 202-219-0551
Rural Development, Dick Long (RLONG), 202-219-0530 David McGranahan (DMCG), 202-219-0530
Rural Development Policy, Richard Reeder (RREEDER), 202-219-0551
Rural Health, Paul Frenzen (ARHRPF), 202-501-7925
State Rural Development Council, Thomas Rowley (TROWLEY), 202-219-0549

Rural Development Perspectives. *Subscription.* 3 issues. Stock # RDP. \$14.00. Nontechnical articles on the results of new rural research and what those results mean. Shows the practical application of research in rural banking, aging, housing, the nonmetro labor force, poverty, and the effect of farm policies on rural areas. Besides feature articles, each issue also brings you: Rural Indicators—geographic snapshots of trends affecting rural communities; Short Subjects—brief synopses of related readings and findings from a wide range of sources, all with a special smalltown slant; and Book Reviews—critical appraisals to keep you abreast of new thinking and theories on rural and smalltown topics.

Rural Government-Poor Counties, 1962-87. *Research report.* 27 pp. February 1995. Stock # RDRR-88. \$9.00. Finds that during the 1960's, many rural local governments were believed to provide inadequate government services, which hindered rural development. Rapid growth in government spending has substantially reduced the incidence of government poverty. However, government poverty continues to be a problem in totally rural areas, in the South Central part of the country, and in retirement and low-income counties.

Helping Rural Manufacturers Adjust to New Trade Rules: Developing State Strategies for the Rural Apparel Industry. *Research report.* 23 pp. August 1994. Stock # RDRR-87. \$9.00. Suggests that in order for the apparel industry to adjust to increased foreign competition and technological change, a State may wish to form "apparel action teams" to review State economic development options vis a vis the apparel industry. This report discusses 12 key questions a State might usefully address in assembling such a team and defining the team's agenda.

Tourism as a Rural Economic Development Tool: An Exploration of the Literature. *Research report.* 33 pp. August 1992. Stock # BLA-122. \$9.00. This annotated bibliography presents studies from economics and other social sciences that explore tourism, a popular rural economic development tool.

Nonmetro, Metro, and U.S. Bank-Operating Statistics, 1990. *Statistical bulletin.* 61 pp. November 1992. Stock # SB-846. \$12.00. Highlights differences between nonmetro and metro bank operations by presenting different operating statistics for each. Bank numbers dropped more slowly in nonmetro areas than metro areas during 1990.

The Economic Well-Being of Nonmetro Children. *Research report.* 43 pp. March 1991. Stock # RDRR-82. \$9.00. Analyzes the economic well-being of children living in families with at least one parent present, by metro-nonmetro residence, using data supplement to the 1988 Current Population Survey.

The Role of the Elderly's Income in Rural Development. *Research report.* 23 pp. January 1991. Stock # RDRR-80. \$9.00. Examines the elderly's sources of income that could form an economic base for rural development. Finds that income of the elderly can help stabilize local economies and even create jobs.

Political Leaders as Entrepreneurs? Economic Development in Small Communities. *Research report.* 33 pp. October 1990. Stock # RDRR-77. \$9.00. Reviews 17 successful cases of small town development, which compare project initiators and their actions, and suggest several critical differences between local political leadership and entrepreneurship.

Entrepreneurship Theories and Their Use in Rural Development: An Annotated Bibliography. *Bibliography.* 88 pp. April 1989. Stock # BLA-74. \$12.00. A guide to theoretical

material and to more recent empirical work on entrepreneurs in different economic climates.

Nonmetro Development PKG-2. *Includes Survival and Growth of Independent Firms in Metro and Nonmetro America and The Importance of Transfer Payments in Nonmetro America.* Stock PKG-2. \$12.00.

Assessment of Wastewater Treatment Facilities in Small Communities. *Staff report.* 19 pp. August 1991. Stock # AGES 9140. \$9.00.

From the Grassroots: Profiles of 103 Rural Self-Development Projects. *Staff report.* 109 pp. April 1991. Stock # AGES 9123. \$15.00.

Metro/Nonmetro Funding Allocation Under Title II-A, Job Training Partnership Act. *Staff report.* 26 pp. November 1990. Stock # AGES 9071. \$9.00.

Helping Those Who Venture: Iowa's Rural Economic Development Measures. *Staff report.* 38 pp. September 1990. Stock # AGES 9047. \$9.00.

Public Water Supply in Rural Communities: Results from the National Rural Community Facilities Assessment Study. *Staff report.* 50 pp. January 1989. Stock # AGES 894. \$9.00.

Targeting Aid to Distressed Rural Areas: Indicators of Fiscal and Community Well-Being. *Staff report.* 54 pp. November 1990. Stock # AGES 9067. \$12.00.

Infrastructure Investment and Economic Development: Rural Strategies for the 1990's. *Staff report.* 81 pp. December 1990. Stock # AGES 9069. \$12.00.

Financial Market Intervention as a Rural Development Strategy. *Staff report.* 93 pp. December 1990. Stock # AGES 9070. \$12.00.

Rural/Urban Continuum Codes. 3.5" disk. Stock # 89021. \$25.00. Classification of 3,140 U.S. counties into 10 types based on urban/rural population characteristics and location with respect to metropolitan areas. Data for 1983 and 1993 classifications are included. Margaret Butler, ERS, 202-219-0534. ASCII, 5/95.

Rural Income and Employment

Farm Household Income, Susan Bentley (SBENTLEY), 202-219-0931
Income and Poverty, Mark Nord (MARKNORD), 202-219-0554
Peggy Cook (PROSS), 202-219-0095
Rural Employment, Robert Gibbs (RGIBBS), 202-219-7975
Tim Parker (TPARKER), 202-219-0541

Patterns of Change in the Rural Economy, 1969-86. *Research report.* 36 pp. December 1989. Stock # RDRR-73. \$9.00. Analyzes changes in county data on labor force, employment, and income for metro and nonmetro counties.

Jobs and Earnings in Nonmetro Industry, 1987. *Research report.* 12 pp. February 1990. Stock # AIB-589. \$7.50. Finds that nonmetro job growth accelerated, and real earnings grew, but more slowly in 1987 than in 1982-86.

Work and Poverty in Metro and Nonmetro Areas. *Research report.* 19 pp. June 1991. Stock # RDRR-81. \$9.00. Discusses worker poverty rates, which were 10 percent in non-metro areas in 1989, compared with 5.7 percent in metro areas.

Status of the Nonmetro Labor Force, 1987. *Research report.* 26 pp. September 1990. Stock # RDRR-79. \$9.00. Develops indicators of labor market conditions and uses them to show that nonmetro workers faced generally more unfavorable employment conditions than metro workers in 1987.

Survival and Growth of Independent Firms and Corporate Affiliates in Metro and Nonmetro America. *Research report.* 24 pp. February 1990. Stock # RDRR-74. \$9.00. Reveals that local, independent firms survived better and grew faster than corporate affiliates in nonmetro areas.

Rural-Urban Continuum Codes for Metro and Nonmetro Counties. *Staff report.* 38 pp. April 1990. Stock # AGES 9028. \$9.00.

A State-Level Examination of Metro/Nonmetro Per Capita Income Inequality, 1979-87. *Staff report.* 104 pp. May 1991. Stock # AGES 9108. \$12.00.

State-Level Comparisons of Metro and Nonmetro Economic Performance, 1979-86. *Staff report.* 25 pp. November 1989. Stock # AGES 8960. \$9.00.

Employment Stability Among Workers: A Case Study from Nine Nonmetro Kentucky Counties, 1979. *Staff report.* 26 pp. July 1989. Stock # AGES 8931. \$9.00.

Macroeconomic Shocks: Effects on the General Economy, Agricultural Prices, and Rural Unemployment. *Staff report.* 29 pp. August 1991. Stock # AGES 9143. \$9.00.

Macroeconomic Impacts on Nonmetro Unemployment: Preliminary Research. *Staff report.* 19 pp. August 1991. Stock # AGES 9141. \$9.00.

The Rapid Rise in State Per Capita Income Inequality in the 1980's: Sources and Prospects. *Staff report.* 21 pp. January 1991. Stock # AGES 9104. \$9.00.

Effects of Fiscal Policy on Agriculture and the Rural Economy. *Staff report.* 24 pp. June 1991. Stock # AGES 9131. \$9.00.

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
NASS (720- phone numbers): @ag.gov

Specialty Agriculture

Alternative Crops, Lewrene Glaser (LKGLASER), 202-219-0091
 Dry Edible Beans, Gary Lucier (GLUCIER), 202-219-0117
 Charles Plummer (CPLUMMER), 202-219-0717

The Spice Market in the United States: Recent Developments and Prospects. *Research report.* 48 pp. July 1995.
Stock # AIB-709. \$9.00. A review of the U.S. spice market: supply, utilization, and market structure. On both a volume and value basis, the United States is the world's largest spice importer and consumer, with both imports and consumption on an uptrend for the past 10 years.

Plant Protection and Quarantine. *Four 3.5" disks.* Stock # 92019. \$55.00. Reports the quantity of U.S. imports of 200 fresh fruits and vegetables subject to Plant Protection and Quarantine program. Data are reported by commodity, county of origin, and port of entry for fiscal years 1983-89 and 1991-92. Gary Lucier, ERS, 202-219-0117. (.WK1), 7/93.

Aquaculture

Economics, Dave Harvey (DJHARVEY), 202-219-0839
 Statistics, James Brewster, 202-720-8784
 Dan Boostrom (DBOOSTROM), 202-720-3244

Catfish Processing. *Subscription.* 12 issues plus four issues of *Catfish Production.* Stock # PCF. 1 yr, \$31.00; 2 yrs, \$60.00; 3 yrs, \$90.00.

Jan 23, Feb 23, Mar 22, Apr 24, May 23, Jun 21, Jul 24, Aug 23, Sep 23, Oct 23, Nov 21, Dec 20. Processors' monthly reports on farm-raised catfish. Round weight purchased, prices paid, inventory, quantity sold, price, imports, and exports.

Catfish Production: Feb 1, Apr 29, Jul 30, Oct 29. Grower inventory numbers by size groups for 15 selected States. April and October releases include data for major States (AL, AR, LA, and MS) only. The February release includes sales data for the 15 States.

Trout Production. *Annual report,* September 27. Stock # ZTP-96. \$7.50. Number of operations, grower sales, and fish losses for selected States.

Aquaculture Situation and Outlook Report. *Subscription.* 2 issues. Stock # LDP-AQS. Examines the U.S. aquaculture industry: production, inventory, sales, prices, inputs, and trade of catfish, trout, tilapia, salmon, mollusks, crawfish, shrimp, ornamental fish, and new species.

Catfish Processing. 3.5" disk. Stock # 93140. \$25.00. Monthly estimates for farm-raised catfish, including round weight purchased, prices paid, inventory, quantity sold, price, and imports for 1970-93. Jim Brewster, NASS, 202-720-8784. (.WK1), 10/93.

Fruit and Nuts

Economics, Agnes Perez (ACPEREZ), 202-501-6779
 Susan Pollack (POLLACK), 202-219-0505
 Statistics, Stephen Ropel, 202-720-3843
 Tree Nuts, Agnes Perez (ACPEREZ), 202-501-6779

Noncitrus Fruits and Nuts. *Subscription.* 2 issues.
Stock # PNF. 1 yr, \$17.00; 2 yrs, \$32.00; 3 yrs, \$48.00.

Preliminary: January 19. Preliminary summary of acreage, yield, production, use, price, and value 1995 crop by States.

Annual Summary: July 8. Annual summary of acreage, yield, production, use, price, and value 1995 crop by States.

Fruit and Tree Nuts Situation and Outlook Report. *Subscription.* 3 issues. Stock # FTS. \$18.00. This periodical provides current intelligence and historical data, and forecasts the effects of changing conditions on the U.S. fruit and tree nuts sector. Topics covered include production, consumption, shipments, prices received, and more. Covers fresh fruit, frozen fruit and juice, apples, grapes, wine, raisins, pears, peaches, nectarines, apricots, plums, sweet and tart cherries, kiwi, olives, strawberries, blueberries, bananas, mangoes, papayas, pineapples, oranges, grapefruit, almonds, walnuts, pecans, pistachios, hazelnuts, and macadamia nuts.

Cherry Production. *Annual report,* June 28 (tentative). Stock # ZCP-96. \$7.50. Mid-June production forecast for 1996 crop, tart and sweet cherries.

Citrus Fruits. *Annual report,* September 23. Stock # ZCF-96. \$9.00. Annual summary of acreage, yield, production, use, price, and value 1995-96 crop and revised 1994-95 crop.

Cranberries. *Annual report,* August 20. Stock # ZCR-96. \$7.50. Indicated 1996 production by States; acreage, yield, production, utilization, price, and value for 1994 and 1995 crops by States. Released at 1:00 P.M. ET.

Almond Production. *Annual report,* June 28 (tentative). Stock # ZAL-96. \$7.50. Late June production forecast for 1996 crop. Release date depends on development of crop.

Hazelnut Production. *Annual report,* August 23 (tentative). Stock # ZFP-96. \$7.50. Mid-August production forecast for 1996 crop. Release date depends on development of crop.

Pistachio Production. *Annual report,* August 26 (tentative). Stock # ZPP-96. \$7.50. Late August production forecast for 1996 crop. Release date depends on development of crop.

Walnut Production. *Annual report,* August 30 (tentative). Stock # ZWP-96. \$7.50. Production forecast for CA walnuts for 1996. Release date depends on development of crop.

Pear Import Demand: Three Markets for U.S. Fresh Pears. *Research report.* 15 pp. April 1994. Stock # AER-681. \$9.00. This report presents the results of an econometric analysis of two U.S. pear markets, Canada and Sweden, and explores competition among the major exporters to these markets. The United States will likely increase its pear exports to Canada if Canada expands its pear imports, and U.S. import share will increase slightly in Sweden.

U.S.-Mexico Fruit and Vegetable Trade, 1970-92. *Research report.* 141 pp. April 1995. Stock # AER-704. \$15.00. Fruit and vegetable trade between the United States and Mexico grew tremendously between 1970 and 1992. Data in this report are useful for understanding the trade situation between the two countries.

The U.S. Strawberry Industry. *Statistical bulletin.* 34 pp. January 1995. Stock # SB-914. \$9.00. Data and statistics from a variety of sources covering strawberry production, value, acreage, production regions, varieties, prices, and trade.

Apple Import Demand: Four Markets for U.S. Fresh Apples. *Research report.* 15 pp. December 1990. Stock # AER-641. \$9.00. Gives the results of an econometric analysis of four U.S. overseas apple markets and explores competition in Canada, Hong Kong, Singapore, and the United Kingdom.

Orange Import Demand: Four Markets for U.S. Fresh Oranges. *Research report.* 15 pp. November 1991. Stock # AER-655. \$9.00. U.S. fresh orange shipments are expected to increase or remain about steady in the top four importing markets: up significantly in Singapore, up moderately in Canada and Hong Kong, and about steady in the EC.

U.S. Fresh Fruit Export and Consumption Estimates, 1978-92. *Statistical bulletin.* 36 pp. April 1994. Stock # SB-875. \$9.00. This bulletin reports the revised U.S. export and per capita consumption data for 13 fresh fruits: grapefruit, lemons, limes, oranges, tangerines, apples, avocados, sweet cherries, grapes, peaches and nectarines, pears, prunes and plums, and strawberries. Also includes 40-year trends for fresh fruit consumption.

Costs of Producing Grapefruit in California and Florida, 1988/89. *Research report.* 7 pp. July 1991. Stock # AER-652. \$7.50. Based on a March 1990 survey, total costs were \$6.82 for producing a 64-pound box of grapefruit in California and \$5.00 for an 85-pound box in Florida.

Costs of Producing Oranges in California and Florida, 1988/89. *Research report.* 8 pp. June 1991. Stock # AER-650. \$7.50. Based on a March 1990 survey, total costs were \$7.29 for producing a 75-pound box of oranges in California and \$7.48 for a 90-pound box of oranges in Florida.

Citrus Fruits: Final Estimates, 1987-92. *Statistical bulletin.* August 1995. Stock # SB-899. \$10.00.

Noncitrus Fruits and Nuts: Final Estimates, 1987-92. *Statistical bulletin.* June 1995. Stock # SB-900. \$10.00.

The U.S. Strawberry Industry. 3.5" disk. Stock # 95003. \$25.00. Annual data, 1970-93, on U.S. and State harvested acreage, yield, and production of strawberries. Also includes monthly prices (wholesale and retail), disappearance, frozen stocks, supply and utilization, monthly imports and exports 1980-93; selected world data on supply and production, 1970-93. 1/95.

U.S.-Mexico Fruit and Vegetable Trade, 1970-92. 3.5" disk. Stock # 95005. \$25.00. Annual (calendar year) production quantities, import and export quantities and values of 35 principal fruits and vegetables traded between the U.S. and Mexico. Tables also provide for fresh, frozen, canned, processed, and dehydrated categories. Susan Pollack, ERS, 202-219-0505. 3/95.

U.S. Fresh-Market Fruit Exports. 3.5" disk. Stock # 93006. \$25.00. Reports a major revision in U.S. fresh fruit export statistics, 1978-91. Monthly data on U.S. exports to Canada and the world are included for 13 fresh-market fruits. 1/93.

Fresh Fruit Prices and Marketing Spreads. 3.5" disk. Stock # 88002. \$25.00. Retail values, wholesale and shipping point prices, transportation charges, and market price spreads for eight fresh fruits. Marketing season monthly data for 1985-91. Fannye Jolly, ERS, 202-501-0461. (.WK1), 2/92.

Fruit and Nut Yearbook. 3.5" disk. Stock # 89022. \$25.00. Annual data, 1970-93, on production, trade, supply and utilization, prices, and value of production for fruit and nuts including citrus, other tree fruits, grapes, and other small fruits. Also includes data on supply and utilization of processed fruit and fruit juices. Susan Pollack, ERS, 202-219-0505. 10/94.

U.S. Fruit, Nut, and Berry Production. 3.5" disks. Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of 51 fruits, nuts, and berries in the 1987 Census of Agriculture. These special tabulations from the Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. U.S., regional, and State data are included. Doyle Johnson, ERS, 202-501-7159. (.WK1), 9/91.

Stock # 91015A	Tree fruits (6 disks)	\$75.00
Stock # 91015B	Subtropical fruits (1 disk)	\$25.00
Stock # 91015C	Citrus fruits (1 disk)	\$25.00
Stock # 91015D	Tree nuts (1 disk)	\$25.00
Stock # 91015E	Berries (3 disks)	\$45.00

U.S. Fruit, Nut, and Berry Farms. Four 3.5" disks. Stock # 92005. \$55.00. These special tabulations from the 1987 Census of Agriculture cover all farms reporting production of one or more of 51 fruit, nut, and berry crops. U.S., regional, and State data, by value of total crop sales, are included for number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Doyle Johnson, ERS, 202-501-7159. (.WK1), 1/92.

Specialty Agriculture

Agricultural Chemical Usage, 1991 Fruit and Nuts Summary and 1990 California Vegetables Summary. 3.5" disk. Stock # 92172. \$25.00. U.S. and State fertilizer and pesticide use data for the 1991 fruit, nut, and berry crops. Van Johnson, NASS, 202-720-7492. ASCII, 7/92.

Agricultural Chemical Usage, 1993 Fruits Summary. 3.5" disk. Stock # 94172. \$25.00. State and U.S. fertilizer and pesticide use data for the 1993 fruits. An ASCII text file and a WordPerfect 5.1 file are included. Both formats contain all of the tables and narrative published in the ERS-NASS report of the same title, June 1994. Van Johnson, NASS, 202-720-7492. ASCII and WordPerfect, 7/94.

Honey

Statistics, Tom Kruchten (TKRUCHTEN), 202-690-4870

Honey. Annual report, February 20. Stock # ZHO-96. \$7.50. Annual report of number of colonies producing honey, yield per colony, honey production, average price, and value, 1995; honey stocks December 15, 1995, by State and U.S.

The U.S. Beekeeping Industry. Research report. 69 pp. May 1994. Stock # AER-680. \$12.00. This report updates information on the beekeeping industry and its relationship to agriculture and the environment. An estimated 125,000-150,000 beekeepers in the United States operate between 3.2 and 3.4 million honeybee colonies.

Honey: Final Estimates, 1986-92. Statistical bulletin. March 1995. Stock # SB-912. \$10.00.

Industrial Crop Uses

Alternative Crops, Lewrene Glaser (LKGLASER), 202-219-0091

Industrial Uses of Agricultural Materials.

Annual report, October. Stock # IUS-1996. \$15.00. Examines how agricultural materials are used by industry. Supplies relevant economic intelligence to people involved in the research, development, production, processing, marketing, and policy aspects of taking agricultural materials from the farm-gate through the industrial marketplace. Covers agricultural materials in seven categories: starches and carbohydrates, fats and oils, fibers, animal products, forest products, natural plant products, and natural rubber and resins.

Nursery, Greenhouse, Horticulture

Floriculture, Doyle Johnson (DJOHNSON), 202-501-7949
Statistics, Linda McMillan (LMCMILLAN), 202-720-4215

Floriculture Crops. Annual report, April 26. Stock # ZFC-96. \$12.00. Area in production, production, price and value of wholesale sales, and intentions for next year for 36 selected States and growers having \$100,000 or more in

sales. Number of growers and growing area for growers with \$10,000 or more in sales. Issue covers the following crops:

Cut flowers: Carnations, chrysanthemums, gladioli, roses, other cut flowers.

Flowering potted plants: African violets, chrysanthemums, finished florist azaleas, lilies, poinsettias, other potted flowering plants.

Foliage: Potted foliage, hanging baskets.

Bedding/Garden plants: Geranium (flats), impatiens Wallerana, New Guinea impatiens, other flowering and foliage type (flats), vegetable type (flats), potted hardy/garden mums, potted geraniums, other potted flowering and foliage type, potted vegetable type, flowering hanging baskets.

Cut cultivated greens: Leather leaf ferns, other cut cultivated greens.

Special Hawaiian crops: Area in production, price, and value of sales for selected Hawaiian crops for growers with \$100,000 or more in sales.

Federal Marketing Orders for Fruits, Vegetables, Nuts, and Specialty Crops. Research report. 34 pp. March 1990. Stock # AER-629. \$9.00. Explains why there is a Federal marketing order for horticultural crops, its development and operation, and its effect on market participants.

Federal Marketing Orders for Horticultural Crops. Research report. 16 pp. March 1990. Stock # AIB-590. \$7.50. Describes the purpose of horticultural marketing orders and their effects on growers, marketers, input suppliers, food processors, and consumers.

Hired Farm Labor Use on Fruit, Vegetable, and Horticultural Specialty Farms. Research report. 28 pp. December 1993. Stock # AER-676. \$9.00. Fruit, vegetable, and horticultural (FVH) specialty farms are the largest users of hired and contract labor on a per-farm basis, requiring a large number of workers for short, intermittent periods during critical planting and harvest seasons.

Financial Performance of U.S. Floriculture and Environmental Horticulture Farm Businesses, 1987-91. Statistical bulletin. 150 pp. September 1993. Stock # SB-862. \$15.00. Finds that the U.S. green industry (floriculture and environmental horticulture) is the fastest growing agricultural sector in grower cash receipts, with an average annual growth rate of 9 percent since 1982.

Floriculture and Environmental Horticulture Products: A Production and Marketing Statistical Review, 1960-88. Statistical bulletin. 245 pp. September 1990. Stock # SB-817. \$15.00. Provides statistical information on the production, marketing, and trade of floral, nursery, and related products of the greenhouse and nursery industry in the United States and the world.

U.S. Greenhouse and Nursery Farms. *Four 3.5" disks.* Stock # 92006. \$55.00. These special tabulations from the 1987 Census of Agriculture cover all farms reporting production of one or more of seven greenhouse and nursery crops. U.S., regional, and State data, by value of total crop sales, are included for number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Doyle Johnson, ERS, 202-501-7159. (.WK1), 1/92.

Greenhouse and Nursery Statistics, 1960-88. *Two 3.5" disks.* Stock # 90024B. \$35.00. A comprehensive database covering production, supply, consumption, prices, and sales of floricultural and environmental horticultural products. Includes U.S. and State data and world trade data. Doyle Johnson, ERS, 202-501-7159. (.WK1), 7/90.

U.S. Greenhouse and Nursery Production. *Seven 3.5" disks.* Stock # 91016. \$85.00. Characteristics of farms and farm operators, by value of total crop sales, for farms reporting production of seven greenhouse and nursery crops in the 1987 Census of Agriculture. These special tabulations from Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Includes U.S., regional, and State data. Doyle Johnson, ERS, 202-501-7159. (.WK1), 9/91.

Financial Characteristics of Horticultural Farms. *3.5" disk.* Stock # 93019. \$25.00. Reports income statements, balance sheets, and financial ratios estimated through the Farm Costs and Returns Survey for all growers of nonedible, horticultural crops, 1987-91. Income and balance sheet data are reported by size of farm and by region. Includes income and sales data from special tabulations of the 1987 Census of Agriculture. Doyle Johnson, ERS, 202-501-7159. (.WK1). (9/93, archived 11/95).

Potatoes

Economics, Gary Lucier (GLUCIER), 202-219-0117
Charles Plummer (CPLUMMER), 202-219-0717
Statistics, Arvin Budge (ABUDGE), 202-720-4285

Potatoes. Subscription. 6 issues plus supplement. Stock # PPO. 1 yr, \$21.00; 2 yrs, \$40.00; 3 yrs, \$60.00.

Potato Stocks: Jan 12, Feb 14, Mar 14, Apr 12, May 14, Dec 16. Grower, processor, and local dealer storage stocks in fall producing areas, first of the month by States. The December release also includes acreage, yield, and production estimates as of December 1 and potato size, harvest loss, and hills per acre in selected fall potato States.

Potatoes: September 19. Production, farm disposition, value, and stocks by States, and utilization of Irish potatoes for the United States, 1995 crop.

Potatoes and Sweetpotatoes: Final Estimates, 1987-92. Statistical bulletin. August 1995. Stock # SB-901. \$10.00.

U.S. Potato Statistics, 1949-89. Statistical bulletin. 140 pp. August 1991. Stock # SB-829. \$15.00. Presents detailed statistics on potatoes for 49 States and the Nation since 1949. Also includes world acreage and production since 1961.

Potato Statistics. Two 3.5" disks. Stock # 91011. \$35.00. U.S. and State data, 1949-94, on potato acreage, production, value, and use. Includes U.S. data on prices, price spreads, and consumer and producer price indexes; stocks of fresh and processed potatoes; and trade in potatoes and potato products. Gary Lucier, ERS, 202-219-0117. (.WK1), 12/95.

Sugar and Sweeteners

Sugar and Sweeteners, Peter Buzzanell (PETERB), 202-219-0888
Statistics, Greg Preston (GPRESTON), 202-720-7621

Sugar and Sweetener Situation and Outlook

Report. Subscription. 4 issues. Stock # SSS. \$22.00. This periodical examines world and U.S. production, consumption, supply and use, trade, stocks, and prices for beet and cane sugar, and high fructose corn syrup. Also includes special articles related to the sugar industry.

U.S. Corn Sweetener Statistical Compendium. Research report. 50 pp. November 1993. Stock # SB-868. \$9.00. This report, the first complete U.S. corn sweetener compendium published by USDA, contains time-series data on U.S. corn sweeteners: fructose syrup, glucose syrup, and dextrose.

U.S. Sugar Statistical Compendium. Statistical bulletin. 136 pp. August 1991. Stock # SB-830. \$15.00. Time-series data for use in monitoring and analyzing current developments and trends in the U.S. sugar industry, 1970-90.

Sugar and Corn Sweetener: Changing Demand and Trade in Mexico, Canada, and the United States. Research report. 12 pp. April 1993. Stock # AIB-655. \$6.00. A look at the trade flows for sugar and high-fructose corn sweetener (HFCS) among Mexico, Canada, and the United States.

Corn Sweetener Statistics. 3.5" disk. Stock # 94002. \$25.00. U.S. date, 1970-92, on corn sweetener supply and use, prices, trade, and deliveries to domestic users by type of use. Data are included for NFCS, dextrose, and glucose supply and use. 11/93. Peter Buzzanell, ERS, 202-219-0888.

Sugar and Sweetener Yearbook. 3.5" disk. Stock # 89019. \$25.00. U.S. and world data, 1980-93, on acreage, yield, and production of sugar crops; production, trade, supply and use, and prices for sugar; and supply and use data for caloric and non-caloric sweeteners. Peter Buzzanell, ERS, 202-219-0888. Updated 1/96.

Sugar Statistical Compendium. 3.5" disk. Stock # 91006. \$25.00. U.S. beet and cane sugar statistics including sugar production and consumption, 1950-90; imports and exports, 1970-90; and prices 1960-90. Includes regional and State data on sugarbeet, sugarcane, and sugar production, 1970-90. Peter Buzzanell, ERS, 202-219-0888. 10/91.

Tobacco

Economics, Verner Grise (VNGRISE), 202-219-0890
 Statistics, Greg Preston (GPRESTON), 202-720-7621

Tobacco Situation and Outlook Report. *Subscription.* 4 issues. Stock # TBS. \$19.00. Examines burley and flue-cured tobacco production, consumption, price, support, supply, use, stocks, imports and exports, and more.

What Tobacco Farming Means to Local Economies. *Research report.* 21 pp. September 1994. Stock # AER-694. \$9.00. Examines the role of tobacco in local economies and the potential economic effects of decreased tobacco production. Consumers spend nearly \$50 billion per year on tobacco products, generating income and employment in wholesale and retail trade, manufacturing, sales, distribution, storage, and tobacco farming.

Flue-Cured Tobacco Farming: Two Decades of Change. *Research report.* 31 pp. August 1994. Stock # AER-692. \$9.00. Examines the structure of flue-cured tobacco farming in four Southeastern States. Flue-cured tobacco acreage has expanded during the last two decades because of growers' desire to enhance their incomes, availability and use of more labor-efficient production and harvesting practices, and Government policies that encouraged larger quota holdings.

Characteristics of Burley Tobacco Farms. *Research report.* 11 pp. September 1991. Stock # AIB-633. \$7.50. Burley tobacco is the second most important kind of tobacco grown in the United States. This report examines structure and characteristics of burley tobacco farming in Kentucky and Tennessee using data from the 1989 Farm Costs and Returns Survey.

Flue-Cured Tobacco Farms: Selected Characteristics. *Research report.* 29 pp. December 1991. Stock # AER-653. \$9.00. Examines changes in the structure of flue-cured tobacco production in Florida, Georgia, North and South Carolina, and Virginia.

U.S. Tobacco Statistics, 1935-92. *Statistical bulletin.* 299 pp. April 1994. Stock # SB-869. \$15.00. Presents tobacco statistics for the United States and by State, going back in some cases to 1935. The data cover tobacco product output, consumption, trade leaf acreage, yield, production, price, and value by type and State, and supply and disappearance of leaf by type of tobacco.

Consumer Demand Analysis When Zero Consumption Occurs: The Case of Cigarettes. *Research report.* 21 pp. September 1991. Stock # TB-1792. \$9.00. Uses cigarettes as an example of a commodity whose characteristics must be well understood by analysts conducting surveys of household purchases. Zero use of a product could mean an individual never uses a product, or the survey period was too short, for example.

Tobacco Industry. 3.5" disk. Stock # 89018. \$25.00. Production, supply, trade, disappearance, and prices for tobacco and tobacco products, 1950-87. Includes acreage, yield, and production by type, 1950-87, and selected data

on world production and trade. Verner Grise, ERS, 202-219-0890. (.WK1), 3/89.

Tobacco Yearbook. 3.5" disk. Stock # 92015. \$25.00. U.S. and world data on production, supply, trade, disappearance, and price data for tobacco products, 1950-94. Includes data on U.S. tobacco acreage, yield, production, stocks, and marketings by type. Verner Grise, ERS, 202-219-0890. (.WK1), 1/96.

Tobacco Statistics. Two 3.5" disks. Stock # 94012. \$35.00. Comprehensive data, 1935-92, on U.S. and world tobacco and tobacco products production, stocks, imports and exports, consumption, and prices. Includes acreage, yield, and production data by State and type, 1935-92; production by type in selected countries, 1976-93; and data on allotments, quotas, and related program statistics. Verner Grise, ERS, 202-219-0890. (.WK1), 3/94.

Vegetables and Melons

Economics, Gary Lucier (GLUCIER), 202-219-0117
 John Love (JLOVE), 202-219-1268
 Statistics, David Mueller (DMUELLER), 202-720-2157

Vegetables and Specialties Situation and Outlook. *Subscription.* 3 issues. Stock # VGS. \$18.00. Examines vegetables and specialty crops' production, consumption, supply, use, cash receipts, and more. Covers fresh and processing vegetables, potatoes, sweet potatoes, pulses, and mushrooms.

Vegetables. *Subscription.* 5 issues plus summary. Stock # PVG. 1 yr, \$20.00; 2 yrs, \$38.00; 3 yrs, \$57.00.

January 18: Winter season acres for harvest for snap beans, broccoli, cabbage, carrots, cauliflower, celery, sweet corn, eggplant, escarole/endive, head lettuce, bell peppers, spinach, tomatoes, spring onions (TX), and strawberries (FL). Planted acres for spring onions and strawberries.

April 8: Spring season acres for harvest for asparagus, snap beans, broccoli, cabbage, cantaloup, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, honeydews, head lettuce, bell peppers, tomatoes, watermelon, spring onions, and strawberries. Planted acres for spring and/or intentions for summer onions. Acreage, yield, and production for strawberries (FL) and spring onions (GA and TX). Intentions to plant processing vegetables: snap beans, sweet corn, cucumbers, green peas, and tomatoes.

July 10: Summer season acres for harvest for snap beans, broccoli, cabbage, cantaloup, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, honeydews, head lettuce, bell peppers, tomatoes, watermelon, summer onions, storage. Acreage, yield, and production for strawberries, and spring and summer non-storage onions. Planted acreage for processing vegetables: snap beans, sweet corn, cucumbers, and tomatoes. Acreage, yield, and production for green peas and spring onions. Annual onion revisions, all types.

September 10: Acreage, yield, and production for spring and summer onions. Value for spring onions. Acreage, yield, and production for processing vegetables: snap beans, sweet corn, and tomatoes.

October 8: Fall season acres for harvest for snap beans, broccoli, cabbage, cantaloup, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole/endive, honeydews, head lettuce, bell peppers, and tomatoes. Acres intended for spring onions (TX). Acreage, yield, and production for summer storage onions.

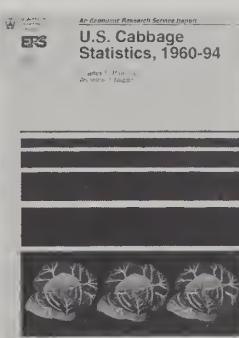
Annual Summary: January 18. Preliminary 1995 fresh market estimates of acreage, yield, production, marketing year average price, and value for artichokes, lima beans, snap beans, brussels sprouts, cabbage, cantaloup, celery, sweet corn, eggplant, escarole/endive, garlic, honeydews, head lettuce, leaf lettuce, romaine lettuce, bell peppers, spinach, tomatoes, and watermelon. Acreage, yield, production, marketing year average price, value, and utilization for asparagus, broccoli, carrots, cauliflower, and strawberries. Utilization of onions. Preliminary estimates for processing vegetables: beets, lima beans, snap beans, cabbage for kraut, sweet corn, cucumbers, green peas, spinach, and tomatoes. Revision of 1994 vegetable estimates. Acreage, yield, production, and value of cucumbers for pickles. End-of-season pickle stocks.

Mushrooms. Annual report, August 16. Stock # ZMU-96. \$9.00. Area, production, price, and value by variety, selected States and U.S., utilization for U.S., July 1, 1995 - June 30, 1996, and intentions for coming year.

Tomatoes: Weekly during season. Plantings and rate of harvest in Florida published Tuesdays during season or if holiday conflicts, next business day. To order from the Florida State Statistical office, call (407) 648-6013.

NEW. U.S. Cabbage Statistics, 1960-94. By Charles S. Plummer and Wynnice P. Napper. *Statistical bulletin.* 84 pp. September 1995. Stock # SB-923. \$12.00. Provides detailed statistics on cabbage for the United States and individual cabbage-producing States for 1960-94. Acreage, yield, production, and value are presented by State. Data are categorized by fresh cabbage and cabbage grown for sauerkraut production. Includes additional statistical series, such as prices, price indexes, price spreads, shipments, exports, imports, world production and harvested acreage, and costs of production. *AutoFAX summary document # 01501.*

Competition in the U.S. Winter Fresh Vegetable Industry. Research report. 66 pp. July 1994. Stock # AER-691. \$12.00. Assesses trends in trade of winter fresh vegetables to U.S.



domestic markets from Florida and Mexico. Florida gained in competitive advantage during 1985/86-1990/91 primarily because of gains in pricing advantage.

Vertical Pricing Relationships for Lettuce. Research report. 53 pp. September 1994. Stock # TB-1836. \$12.00. Examines weekly lettuce prices between 1986 and 1991 in 12 U.S. cities to see how quickly and completely price changes were transmitted from the shipping point to the wholesalers and then to the retailers.

Marketing Practices for Vegetables. Research report. 10 pp. August 1994. Stock # AIB-702. \$7.50. Describes the practices first handlers of vegetables use to acquire and market supplies and their pricing methods.

Vegetables: Final Estimates, 1987-92. Statistical bulletin. January 1995. Stock # SB-902. \$10.00.

U.S. Onion Statistics, 1960-93. Statistical bulletin. 82 pp. May 1994. Stock # SB-880. \$12.00. Provides detailed statistics on onions for the United States and the world for 1960-93. Statistics on U.S. area, yield, production, and value are presented by State, and world onion area, production, and trade are presented by country.

Competition in the U.S. Winter Fresh Vegetable Industry. Research report. 66 pp. July 1994. Stock # AER-691. \$12.00. Examines production and marketing costs and weighted average prices received to measure the competitive position of five fresh vegetables—tomatoes, bell peppers, cucumbers, eggplant, and squash—grown in both Florida and the Mexican state of Sinaloa.

U.S. Tomato Statistics, 1960-90. Statistical bulletin. 119 pp. August 1992. Stock # SB-841. \$15.00. Features national and State data on tomato acreage, yield, production, value, prices, exports, imports, world output, and costs of production.

Bibliography of Economic Reports on the Production and Marketing of Fruits and Vegetables, 1981-89. Research report. 71 pp. September 1990. Stock # BLA-102. \$12.00. Lists research publications that deal with the economics of fruits and vegetables published from January 1981 to June 1989.

Integrated Pest Management (IPM) in the Vegetable Industry During the 1980's. Staff report. 19 pp. February 1991. Stock # AGES 9107. \$9.00.

The U.S. Watermelon Industry. Staff report. 73 pp. March 1990. Stock # AGES 9015. \$12.00.

U.S. Watermelon Industry. 3.5" disk. Stock # 89029. \$25.00. Includes time series data on U.S. and State acreage, yield, production, prices and value; per capita consumption; U.S. trade; world production and trade; and other data on truck freight charges, irrigation, and characteristics of watermelon farms. Gary Lucier, ERS, 202-219-0117. (WK1), 9/94.

Specialty Agriculture

Tomato Statistics. Two 3.5" disks. Stock # 92010. \$35.00. U.S. and State data, 1960-94, on tomato acreage, yield, production, and value; monthly prices and price indexes; monthly shipments and arrivals; price spreads; and U.S. trade in fresh tomatoes and tomato products. Also includes tomato acreage and production in major producing countries and cost of production estimates for major U.S. production areas. Gary Lucier, ERS, 202-219-0117. (.WK1), 12/95.

Fresh Vegetable Prices & Marketing Spreads. 3.5" disk. Stock # 88009. \$25.00. Monthly and seasonal prices, spreads, and transportation charges, 1985-91, for 11 vegetables sold in the Northeast, North Central, South, and West marketing regions, and in New York City and Baltimore starting with the 1984-85 marketing season. (.WK1) (2/92; archived 12/95).

Vegetable Yearbook. 3.5" disk. Stock # 89011B. \$25.00. Production, acreage, value, prices, imports, exports, and per capita utilization for major fresh market and processed vegetables, 1970-95. Also includes data for potatoes, sweet-potatoes, dry beans and peas, and fresh and processed mushrooms. Gary Lucier, ERS, 202-219-0117. (.WK1), 8/95.

Dry Beans & Peas. 3.5" disk. Stock # 86003. \$25.00. Production and acreage data, 1970-94; monthly imports, exports, and weekly price data for 1981-88. Gary Lucier, ERS, 202-219-0117. (.WK1), 6/95.

Onion Statistics. 3.5" disk. Stock # 94013. \$25.00. Comprehensive data, 1960-93, on U.S. onion production, stocks, imports and exports, consumption, and prices. Includes acreage, yield, production, and value data for major producing States and onion acreage, production, and trade statistics for 40 countries and the world. John Love, ERS, 202-219-1268. (.WK1), 4/94.

Cabbage Statistics. 3.5" disk. Stock # 94008. \$25.00. Annual data, 1960-93, on U.S. and State acreage, yield, and production of fresh cabbage and cabbage sauerkraut. Also includes monthly prices and price spreads, 1985-91; estimated production costs 1989-93; and world acreage and production by country, 1961-91. Charles Plummer, ERS, 202-219-0717. (.WK1), 11/94.

Mushroom Statistics. 3.5" disk. Stock # 94003. \$25.00. U.S. and State data, 1966-92, on mushroom yields, production, price, value, sales, and use. Other series reported include trade by product by country (1979-92), various price series, and world production. Gary Lucier, ERS, 202-219-0117. (.WK1), 11/93.

U.S. Vegetable and Melon Production. 3.5" disks. Characteristics of farms and farm operators, by value of total crop

sales, for farms reporting production of 57 vegetables and melons in the 1987 Census of Agriculture. These special tabulations from the Census data show, for each commodity, number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. U.S., regional, and State data are included. Doyle Johnson, ERS, 202-501-7159. Lotus 1-2-3 (.WK1), 9/91.

Stock # 91014A	Sweet corn, snap beans, broccoli, etc. (5 disks)	\$65.00
Stock # 91014B	Leafy green vegetables (5 disks)	\$65.00
Stock # 91014C	Potatoes and root vegetables (5 disks)	\$65.00
Stock # 91014D	Tomatoes, peppers, and cucumbers (5 disks)	\$65.00
Stock # 91014E	Melons (2 disks)	\$35.00
Stock # 91014F	Dry beans and peas (3 disks)	\$45.00

U.S. Vegetable and Melon Farms. Four 3.5" disks. Stock # 92004. \$55.00. These special tabulations from the 1987 Census of Agriculture cover all farms reporting production of one or more of 57 vegetable and melon crops. U.S., regional, and State data, by value of total crop sales, are included for number of farms and land use, type of organization, operator characteristics, crop acreages, market value of products sold, other farm-related income, input use, and production expenses. Doyle Johnson, ERS, 202-501-7159. (.WK1), 1/92.

Agricultural Chemical Usage, 1992 Vegetables Summary. 3.5" disk. Stock # 93172. \$25.00. This disk contains an ASCII file with tables and narrative as published in the ERS-NASS report of the same title (Agricultural Chemical Usage, June 1993). The file contains fertilizer and pesticide use data for States and combined major States for 1992 vegetable crops. Van Johnson, NASS, 202-720-7492. ASCII, 6/93.

E-mail Addresses for ERS-NASS Information Contacts

Most of the subject matter specialists may also be contacted via the Internet using the e-mail addresses following their names. The individual addresses should be followed by:

ERS (219- and 501- phone numbers): @econ.ag.gov
NASS (720- phone numbers): @ag.gov

Trade Issues

Processed Food Trade, Steve Neff (SNEFF), 202-501-6761

Processed Food Trade Concordance. *Research report.* 68 pp. March 1995. Stock # AH-707. \$12.00. This handbook pairs processed food industries with their corresponding products. These pairings merge the domestic Standard Industrial Classification System for classifying industries and the international Harmonized System for classifying imported and exported products. A concise reference for use in analytical or statistical work that requires identification of the individual products that compose industries' aggregate processed food imports and exports.

World Agriculture: Trends and Indicators, 1970-91. *Statistical bulletin.* 583 pp. November 1993. Stock # SB-861. \$22.00. Provides aggregate economic and agricultural growth, performance, production, and trade indicators for the world, 14 geographic regions, the Economic Community, Central Europe, and for 141 countries, accounting for over 99 percent of the world population, agricultural production, and trade. The indicators cover population, macroeconomic indicators, food consumption, factors of production, commodity production, trade, and efficiency of resource use.

✓ **Global Review of Agricultural Policies: Western Hemisphere.** *Statistical bulletin.* 97 pp. September 1994. Stock # SB-892. \$12.00. Describes policies that affect the agricultural sector in 25 countries in the Western Hemisphere, including policies that affect commodity and input prices, the activities of government-owned companies, and the integration of economies in the Western Hemisphere.

Environmental Policies: Implications for Agricultural Trade. *Research report.* 145 pp. June 1994. Stock # FAER-252. \$15.00. This report, consisting of 14 separate articles, analyzes linkages between environmental policies and agricultural trade. Topics covered include a global inventory of environmental policies, the implications of environmental policies on U.S. and world agricultural trade, the implications for environmental policy in the context of multilateral and regional trade negotiations, and the effects of global climate change on agricultural trade.

NEW. Food Aid Needs and Availabilities: Projections for 2005. *Research report.* 60 pp. October 1995. Stock # GFA-6. \$12.00. Examines the long-term prospects for global food aid needs and for food aid availabilities from donor countries. Includes an overview of the 1996-2005 prospects for the global supply, demand, trade, and price environment; projections for food aid availabilities from donor countries; assessment of the impact of large commercial food-importing countries on the global demand for grain and on world prices; and an as-

essment of 1996-2005 food aid needs for grain in 60 low-income, traditionally food-importing countries. *AutoFAX summary document # 01461.*

Competitiveness and Protection in World Agriculture. *Research report.* 12 pp. July 1989. Stock # AIB-567. \$7.50. Explores what agricultural competitiveness means by using three different measures: market share, relative export advantage, and revealed competitiveness.

Global Competitive Advantages and Overall Bilateral Complementarity in Agriculture: A Statistical Review. *Statistical bulletin.* 214 pp. December 1992. Stock # SB-850. \$15.00. Provides a time-series statistical overview of agricultural trade by the United States, 113 foreign countries, and principal regions. It also provides statistics for 15 agricultural industries.

Adding Value to Existing Models of International Agricultural Trade. *Research report.* 58 pp. August 1994. Stock # TB-1833. \$12.00. Discusses the computable general equilibrium (CGE) model, which represents an effort to build a bridge between partial equilibrium models of agricultural trade and their general equilibrium counterparts.

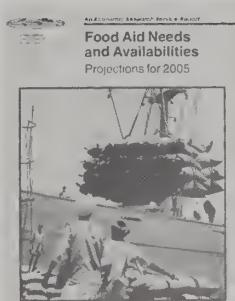
The U.S. Enterprise for the Americas Initiative: Support for Western Hemisphere Economic and Trade Reform. *Research report.* 27 pp. April 1993. Stock # AIB-660. \$9.00. Discusses the EAI's proposed three goals: liberalizing trade, reducing debt owed to the United States by less developed countries (LDC's), and increasing foreign investment in LDC's.

Foreign Debt, Capital Formation, and Debtor Behavior. *Research report.* 32 pp. July 1989. Stock # TB-1767. \$9.00. Finds that problem debtor countries, with over \$10 billion in external debt, used their borrowed funds to invest less and consume more than a comparable group of debtors without repayment problems.

Using Data Envelopment Analysis to Measure International Agricultural Efficiency and Productivity. *Research report.* 30 pp. February 1994. Stock # TB-1831. \$9.00. Uses a recently developed approach, data development analysis, to measure productivity.

Global Review of Resource and Environmental Policies: Water Resource Development and Management. *Research report.* 90 pp. June 1994. Stock # FAER-251. \$12.00. This report reviews how 30 countries develop and manage their water resources. Because the focus of the report is on agriculture, particular attention is given to irrigation.

Trade Dependency Index Tables for Total, Merchandise, and Agricultural Trade, 1960-88. *Statistical bulletin.* 124 pp. February 1992. Stock # SB-835. \$15.00. Develops a "trade dependency index" (TDI) to classify countries according to their dependence on imports and exports.



Trade Issues

Differences in Agricultural Research and Productivity Among 26 Countries. *Research report.* 24 pp. May 1991. Stock # AER-644. \$9.00. Examines the contribution of research and other policy factors to agricultural productivity in 26 countries at various stages of economic development.

World Grain Stocks: Where They Are and How They Are Used. *Research report.* 16 pp. May 1990. Stock # ALB-594. \$7.50. Examines policies and practices of main grain stockholding countries.

The Role of Stocks in World Grain Market Stability. *Research report.* 19 pp. April 1993. Stock # FAER-248. \$9.00. Over the past 12 years, world grain stocks, mainly those of the United States, the European Community, Canada, and India, have helped to stabilize supplies and to reduce the variability of world grain prices. That finding suggests that economists should examine the implications of future reductions in grain stocks, the possible result of policy changes and trade liberalization.

The Links Between Development and World Trade. *Research report.* 12 pp. February 1990. Stock # TB-1774. \$7.50. Determines which countries will be strong competitors or trade partners of the United States.

Estimates of Producer and Consumer Subsidy Equivalents: Government Intervention in Agriculture, 1982-87. *Statistical bulletin.* 368 pp. April 1990. Stock # SB-803. \$15.00. Reports estimates of producer and consumer subsidy equivalents for more than 40 commodities and products in 27 countries and the EC.

World Oilseed and Products Trade, 1962-88. *Statistical bulletin.* 130 pp. January 1991. Stock # SB-819. \$15.00. Presents historical data on the volume of world trade in oilseeds, oils, and meals for 1962-88. World trade in these items more than tripled during 1962-88.

Agricultural Production Functions Estimated From Aggregate Intercountry Observations: A Selected Survey. *Staff report.* 22 pp. June 1991. Stock # AGES 9132. \$9.00.

Agricultural Trade, Agreements, and Disputes in the Western Hemisphere. *Staff report.* 43 pp. June 1989. Stock # AGES 8928. \$9.00.

Measuring Agricultural Trade Distortion: A Simple Approach. *Staff report.* 24 pp. Dec. 1991. Stock # AGES 9145. \$9.00.

Bibliography of Research on Agricultural Trade Policy Reform. *Staff report.* 33 pp. September 1991. Stock # AGES 9147. \$9.00.

Agricultural Policy, Trade, Economic Growth, and Development. *Staff report.* 191 pp. May 1989. Stock # AGES 8919. \$15.00.

Price Transmission Elasticities in the Trade Liberalization (TLIB) Database. *Staff report.* 22 pp. April 1990. Stock # AGES 9034. \$9.00.

The CPPA Model-Builder: Technical Structure and Programmed Options in Version 1.3. *Staff report.* 108 pp. August 1991. Stock # AGES 9144. \$12.00.

The Specification, Estimation, and Simulation of a Small Global Macroeconomic Model. *Staff report.* 24 pp. March 1990. Stock # AGES 9011. \$9.00.

The Political Economy of Agricultural Trade: A Review of the Literature on Domestic Policy Behavior and International Price Formation. *Staff report.* 73 pp. January 1991. Stock # AGES 9103. \$12.00.

A Database for Trade Liberalization Studies. *Staff report.* 160 pp. March 1989. Stock # AGES 8912. \$15.00.

Economic Implications of Agricultural Policy Reforms in Industrial Market Economies. *Staff report.* 73 pp. August 1989. Stock # AGES 8936. \$12.00. (Note: Limited supplies; call to verify availability.)

Agricultural Trade Liberalization and Developing Countries. *Staff report.* 46 pp. May 1990. Stock # AGES 9042. \$9.00.

World Population by Country and Region, 1950-2050. *Staff report.* 76 pp. April 1990. Stock # AGES 9024. \$12.00.

Less Developed Countries' Performance in High-Value Agricultural Trade. *Staff report.* 51 pp. April 1991. Stock # AGES 9118. \$9.00.

Exporting Processed Instead of Raw Agricultural Products. *Staff report.* 20 pp. November 1989. Stock # AGES 8958. \$7.50.

A Survey of Theoretical and Empirical Literature Related to Export Assistance. *Staff report.* 32 pp. August 1989. Stock # AGES 8934. \$9.00.

NEW. Processed Food Export and Import Values. 3.5" disk. Stock # 95011. \$25.00. Contains data on the value of domestic (U.S.) processed food exports and imports by Standard Industrial Code Industries and by country. Data are annual from 1990-94. Michael Harris, ERS, 202-219-2311. 9/95.

World Population and Projections to 2050. 3.5" disk. Stock # 95010. \$35.00. Annual population and growth rate for 227 countries and autonomous geographic regions and the world. The data source is the Census International Data Base. For some small countries and islands, projections are ERS estimates. Ray Nightingale, ERS, 202-501-8519. 8/95.

Agricultural Trade Policies - Western Hemisphere. 3.5" disk. Stock # 95002A. \$25.00. Describes an overview of agricultural policies in 25 Western Hemisphere countries. Describes current and pending policies emphasizing prices, trade, and inputs. Also provides a brief overview of forces shaping economic policies in Latin America since WWII. Donna Roberts, ERS, 202-219-4982. 11/94.

Global Competitive Advantages. Two 3.5" disks. Stock #93005. \$35.00. Includes statistics on export and import shares, indexes of competitive advantage and disadvantage, and overall bilateral complementarity with the United States for 15 agricultural industries and 113 countries. Data series are for 1985-89, with comparisons to 1961/62. Tom Vollrath, ERS, 202-501-8545, or Linda Scott, ERS, 202-219-0608. 12/92.

High-Value Export Indexes. Two 3.5" disks. Stock # 91018. \$35.00. Value-weighted quantity indexes of exports of food, feed, tobacco, and 24 product/commodity classes. Indexes are reported for the world, 7 economic development groups, 13 geographic regions, and 149 countries for 1961-86. Larry Traub, ERS, 202-219-0819. (.WK1), 8/91.

Processed Food Trade. 3.5" disk. Stock # 92016. \$25.00. U.S. trade in processed food, 1988-91. Values of exports and imports are shown by SIC product group for each trading partner. Ron Trostle, ERS, 202-219-0020. (.WK1), 8/92.

World Agricultural Trade Flows. 3.5" disks. Country and regional trade matrixes by commodity and year for 1962-90 (oilseeds, oils, oilseed meals, and food grains) and 1962-90 (feed grains). **NOTE:** Requires 3.9-4.6MB of hard disk space per commodity. Ray Nightingale, ERS, 202-501-8519. Archived (.WK1), 3/92.

Stock # 91001A	Food Grains (3 disks)	\$45.00
Stock # 91001B	Feed Grains (5 disks)	\$65.00
Stock # 91001C	Soybean Products & Other Oilseed Meal (4 disks)	\$55.00
Stock # 91001D	Rape & Sunflower Seed & Oil (3 disks)	\$45.00
Stock # 91001E	Tropical Oils (5 disks)	\$65.00
Stock # 91001F	Nonfood Oilseed Products (6 disks)	\$75.00
Stock # 91001G	Peanut, Maize, Olive Oil (4 disks)	\$55.00

WATI/TS-VIEW. Three 3.5" disks. Stock # 91017. \$45.00. This menu-driven software system displays time series graphs for 1961-91 of the crop, livestock, trade, and macroeconomic indicators in the *World Agriculture: Trends and Indicators* system. Data are included for the world, 14 geographic regions, EC-12, and 142 individual countries. The program fits regression trendlines, displays tables of the data, and downloads subsets of the data in spreadsheet-readable files. A 20-page manual is included. **NOTE:** WATI/TS-VIEW is shipped in archived files that expand to 4.7 MB upon installation. The program requires an IBM or compatible personal computer, MS-DOS or PC-DOS, 330 KB of available RAM, and at least 650 KB of hard disk storage. Graphics support is provided for VGA, EGSA, MCGA, CGA, and Hercules monochrome hardware. Ray Nightingale, ERS, 202-501-8519. 1/94.

Food Aid

Food Aid, Margaret Missiaen (MISSIAEN), 202-219-0652
Ray Nightingale (RAYNIGHT), 202-501-8519

Food Aid: Motivation and Allocation Criteria. Research report. 44 pp. February 1990. Stock # FAER-240. \$9.00. Evaluates the motives that affect food aid policies and distribution, including a review of food aid from the United States, the European Community, and Canada.

U.S. Agricultural Exports Under Public Law 480. Statistical bulletin. 304 pp. February 1994. Stock # SB-876. \$15.00. Presents a statistical summary of U.S. agricultural shipments made under U.S. Government concessional export programs.

PL480 & Other Concessional U.S. Exports. Two 3.5" disks. Stock # 86013. \$25.00. Volume and value data, 1985-89, by commodity and country for agricultural exports under the Food for Peace and other food-aid programs. Nydia Suarez, ERS, 202-219-4132. (.WK1), 2/94.

GATT Reports

GATT/GTO, Stephanie Mercier (SMERCIER), 202-501-8515

Effects of the Uruguay Round Agreement on U.S. Agricultural Commodities. Research report. 48 pp. March 1994. Stock # GATT-1. \$9.00. Discusses the benefits arising from the new GATT and provisions of the agreement, covering export subsidies, market access provisions, internal supports, and sanitary and phytosanitary measures.

Agriculture, Trade, and the GATT: A Glossary of Terms. Research report. 58 pp. June 1991. Stock # AIB-625. \$12.00. A practical guide to terms associated with the negotiations on the General Agreement on Tariffs and Trade.

Resource Policy Subsidies and the GATT Negotiations. Research report. 19 pp. August 1989. Stock # AER-616. \$9.00. Looks at explicit and implicit producer subsidies for specific policies of major trading countries.

Bibliography of Research Supporting the Uruguay Round of the GATT. Staff report. 20 pp. December 1989. Stock # AGES 8964. \$7.50.

GATT Trade Liberalization: The U.S. Proposal. Research report. 12 pp. March 1990. Stock # AIB-596. \$7.50. Looks at the U.S. GATT proposal, which if implemented would raise world market prices, lower taxpayer costs, and in some key countries, significantly lower consumer prices.

GATT & Agriculture: The Concepts of PSE's and CSE's. Research report. 23 pp. April 1989. Stock # MP-1468. \$9.00. This illustrated booklet explains two measures of government intervention in agriculture: production subsidy equivalents and consumer subsidy equivalents.

Trade Issues

Subsidy Equivalents: Yardsticks of Government Intervention in Agriculture for the GATT. *Research report.* 9 pp. January 1989. Stock # AIB-558. \$7.50. Discusses aggregate measures of support, such as producer and consumer subsidy equivalents, which may help negotiators of a new GATT attain common ground for reducing barriers to international trade.

Government Intervention in Agriculture: A Regulatory Approach. *Staff report.* 32 pp. May 1990. Stock # AGES 9039. \$9.00.

A Short History of U.S. Agricultural Trade Negotiations. *Staff report.* 12 pp. August 1989. Stock # AGES 8923. \$9.00.

U.S. Adjustment in the 1990's: A CGE Analysis of Alternative Trade Strategies. *Staff report.* 32 pp. May 1990. Stock # AGES 9031. \$9.00.

Global Commodity Reports

Global Commodity Outlook, Carolyn Whitton (CWHITTON), 202-219-0825

The following reports describe global commodity markets and policies, evaluate consequences of Government intervention in agricultural markets, and discuss the implications of global policy reform.

The World Wheat Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 113 pp. January 1990. Stock # AGES 9007. \$15.00.

The World Poultry Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 52 pp. March 1990. Stock # AGES 9019. \$12.00.

The World Coarse Grain Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 101 pp. February 1990. Stock # AGES 9017. \$12.00.

The World Pork Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 66 pp. April 1990. Stock # AGES 9025. \$12.00.

The World Tobacco Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 65 pp. February 1990. Stock # AGES 9014. \$12.00.

World Oilseed Markets—Government Intervention and Multilateral Policy Reform. *Staff report.* 82 pp. March 1990. Stock # AGES 9021. \$12.00.

The World Market in Fresh Fruit and Vegetables, Wine, and Tropical Beverages—Government Intervention and Multilateral Policy Reform. *Staff report.* 113 pp. September 1990. Stock # AGES 9057. \$12.00.

The World Rice Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 63 pp. September 1990. Stock # AGES 9060. \$12.00.

The World Sugar Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 70 pp. September 1990. Stock # AGES 9062. \$12.00.

The World Dairy Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 76 pp. August 1990. Stock # AGES 9053. \$12.00.

The World Beef Market—Government Intervention and Multilateral Policy Reform. *Staff report.* 68 pp. August 1990. Stock # AGES 9051. \$12.00.

Global Commodity Reports, PKG-17. Includes all 11 preceding global commodity reports. Stock PKG-17. \$70.00.

NAFTA

NAFTA, John Link (JLINK), 202-219-0667

NAFTA: Year One. *Research report.* 62 pp. April 1995. Stock # NAFTA-3. \$12.00. This report, by the NAFTA Economic Monitoring Taskforce, reviews NAFTA's first year. Extensive trade flow data are included, as well as commodity writeups reviewing 1994 and the outlook for 1995. Changes in policies as well as trade issues concerning Mexico, Canada, and the United States are discussed.

NAFTA Situation and Outlook. 24 pp. May 1995. Stock # WRS-95-2. \$9.00. Articles in this report include: What Is NAFTA; Agricultural Provisions of NAFTA; Prospects for the Second Year of NAFTA; North American Trade Vital for the United States; Factors Affecting Future Development of Trade, and Outlook for Agricultural Supply and Demand in 2005.

Agriculture in a North American Free Trade Agreement: Analysis of Liberalizing Trade Between the United States and Mexico. *Research report.* 167 pp. September 1992. Stock # FAER-246. \$15.00. Provides background information and analysis on the agricultural aspects of a hypothetical NAFTA in which all barriers to trade are removed.

Effects of a Free Trade Agreement on U.S. and Mexican Sanitary and Phytosanitary Regulation. *Research report.* 13 pp. May 1992. Stock # AIB-649. \$7.50. Sanitary and phytosanitary regulations protect the United States and Mexico from foodborne diseases and other contamination in border-crossing food and agricultural products. Cooperative efforts to prevent and control infestation and infection will likely continue regardless of the reduction or removal of trade-restricting measures.

A North American Free Trade Area for Agriculture: The Role of Canada and the U.S.-Canada Agreement. *Research report.* 11 pp. March 1992. Stock # AIB-644. \$7.50. The U.S.-Canada Free Trade Agreement (CFTA) was enacted on January 1, 1989, after two and a half years of negotiations. Participation in a NAFTA is important to Canada in order to maintain its status under the CFTA and to ensure its exports to the United States are not displaced by Mexican products.

Intra-Industry Trade Indexes for Canada, Mexico, and the United States, 1962-87. *Staff report.* 54 pp. February 1992. Stock # AGES 9206. \$9.00.

SWOPSIM

Incorporating Inputs in the Static World Policy Simulation Model (SWOPSIM). *Research report.* 34 pp. June 1990. Stock # TB-1780. \$9.00. Documents the methodology used to incorporate inputs in the trade liberalization models built with the Static World Policy Simulation Model.

Documentation of the Static World Policy Simulation (SWOPSIM) Modeling Framework. *Staff report.* 200 pp. September 1991. Stock # AGES 9151. \$15.00.

Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework. *Staff report.* 36 pp. March 1989. Stock # AGES 8911. \$9.00.

Overview of the Static World Policy Simulation (SWOPSIM) Modeling Framework. *Staff report.* 46 pp. March 1991. Stock # AGES 9114. \$9.00.

Elasticities in the Trade Liberalization Database. *Staff report.* 72 pp. May 1989. Stock # AGES 8920. \$12.00.

Subsidy Equivalents

Subsidy Equivalents, Fred Nelson (FJNELSON), 202-219-0389

Estimates of Producer and Consumer Subsidy Equivalents: Government Intervention in Agriculture, 1982-87. *Statistical bulletin.* 368 pp. April 1990. Stock # SB-803. \$15.00. Reports estimates of producer and consumer subsidy equivalents for more than 40 commodities and products in 27 countries and the EC.

Subsidy Equivalents: Yardsticks of Government Intervention in Agriculture for the GATT. *Research report.* 9 pp. January 1989. Stock # AIB-558. \$7.50. Discusses aggregate measures of support, such as producer and consumer subsidy equivalents, which may help negotiators of a new GATT attain common ground for reducing barriers to international trade.

GATT & Agriculture: The Concepts of PSE's and CSE's. *Research report.* 23 pp. April 1989. Stock # MP-1468. \$9.00. This illustrated booklet explains two measures of government intervention in agriculture: production subsidy equivalents and consumer subsidy equivalents.

Using Producer and Consumer Subsidy Equivalents in the SWOPSIM Modeling Framework. *Staff report.* 36 pp. March 1989. Stock # AGES 8911. \$9.00.

Government Intervention in Soviet Agriculture: Estimates of Consumer and Producer Subsidy Equivalents. *Staff report.* 38 pp. August 1991. Stock # AGES 9146. \$9.00.

Producer and Consumer Subsidy Equivalents. Two 3.5" disks. Stock # 95001. \$35.00. Estimates of producer and

consumer subsidy equivalents by commodity, 1982-92, for 31 countries, including the United States, Canada, and Mexico. Donna Roberts, ERS, 202-219-4982. (WK1), 5/95.

Wheat Trade

Product Differentiation in Wheat Trade Modeling. *Research report.* 25 pp. June 1995. Stock # TB-1838. \$9.00. Economic research described in this report indicates that wheat should be differentiated by end use and by country of origin for trade policy modeling. This study uses wheat market information gathered as part of the international component of the grain quality study conducted by ERS to construct world wheat models and to analyze the U.S. Export Enhancement Program.

World Feed Wheat Trade: A Market Analysis. *Research report.* 10 pp. February 1994. Stock # AIB-688. \$7.50. This paper examines the key factors affecting feed wheat trade and thus develops a framework for evaluating the conditions necessary for trade.

The Export Enhancement Program: How Has It Affected Wheat Exports? *Research report.* 12 pp. December 1989. Stock # AIB-575. \$7.50. Finds that the Export Enhancement Program raised U.S. wheat export volume, prices, and gross export revenues.

Why Did U.S. Wheat Exports Expand? *Research report.* 8 pp. May 1989. Stock # AIB-564. \$7.50. Identifies factors that expanded recent wheat exports, finding that policy effectiveness changes as market conditions change.

Evaluation of Export Enhancement, Dollar Depreciation, and Loan Rate Reduction for Wheat. *Staff report.* 32 pp. April 1989. Stock # AGES 896. \$9.00.

Dockage and Foreign Material in the Grading Standards for Wheat Exports. *Staff report.* 3 pp. December 1989. Stock # AGES 8968. \$9.00.

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Value-Weighted Quantity Indices of Exports for High-Value Processed Agricultural Products. *Statistical bulletin.* 368 pp. August 1991. Stock # SB-827. \$15.00. Finds that trade in high-value processed agricultural products doubled for the United States during 1961-86 and climbed throughout the rest of the world.

Export Demand for U.S. Corn, Soybeans, and Wheat. *Research report.* 30 pp. January 1991. Stock # TB-1784. \$9.00. Identifies the major markets for U.S. exports of corn, soybeans, and wheat, and estimates price and income elasticities for those markets to broaden the understanding of factors that affect the demand for U.S. exports.

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Long-Term Agricultural Baseline Projections. *Research report.* 56 pp. October 1994. Stock # WAOB-931. \$9.00. Provides longrun projections for the U.S. agricultural sector, focusing on 1995-2000. Projections cover selected commodities and such aggregate indicators as farm income and food prices.

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Factor Intensity and the Changing Commodity Composition of U.S. Agricultural Trade. *Research report.* 14 pp. May 1994. Stock # AER-683. \$9.00. This report uses the 1977 and 1982 national Input-Output accounts of the U.S. economy to examine factor intensities and associated patterns of U.S. agricultural trade. U.S. agricultural exports were found to be more land-intensive than U.S. agricultural imports.

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Agricultural Statistics, 1995. *Annual report,* April. Stock # ZAG-96. \$20.00. A comprehensive statistical report (approximately 600 pages) containing 1994 and historical agricultural data, revised annually.

Weights, Measures, and Conversion Factors for Agricultural Commodities and Their Products. *Special report.* June 1992. Stock # AH-697. \$12.00. Compilation of weights, measures, and conversion factors used for agricultural commodities and their products, emphasizing metric measures. Several of the conversion factors and values shown can be applied to many commodities. Includes tables on customary weights and measures in the United States, metric and U.S. equivalents, factors for converting domestic and metric weights and measures commonly used for commodities, individual commodity weights and measures, and much more.

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Index of Estimates

This index identifies the Agricultural Statistics Board reports carrying estimates of agricultural commodities and related items. The index is designed to assist data users interested in specific aspects of the agricultural estimating program.

COMMODITY REPORT AND MONTH OF ISSUE

Agricultural Chemicals

Agricultural Chemical Usage (Field Crops) - Mar;
Agricultural Chemical Usage (Vegetables) - July; (Fruits) - July
(Fruits and Vegetables alternate years)
Agricultural Prices - April.

Almonds

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Production - May and July;
Agricultural Prices - July annual; Crop Values - Feb;
Almond Production - June.

Apples

Agricultural Prices - monthly, and July annual;
Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Production - Aug and Oct; Crop Values - Feb.

Apricots

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Production - June, July;
Agricultural Prices - Feb, and July annual; Crop Values - Feb.

Aquaculture

See Catfish and Trout.

Artichokes

Vegetables - Jan annual; Agricultural Prices -July annual.

Asparagus

Vegetables - Apr, and Jan annual; Crop Values - Feb;
Agricultural Prices - monthly, and July annual.

Avocados

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Values - Feb; Crop Production -May (FL,HI);
Agricultural Prices - July annual.

Bananas

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Production - May (Rev.);
Agricultural Prices - July annual; Crop Values - Feb.

Barley

Acreage Prospective Plantings - Mar; Acreage - June;
Crop Production - July, Aug, Sept, and Jan annual;
Small Grains Summary - Sept.
Monthly Marketings
Crop Production - Dec; Agricultural Prices - July annual.
Prices
Agricultural Prices - monthly, and July annual; Crop Values -Feb.
Production Crop Production - July, Aug, Sept, and Jan annual;
Small Grains Summary - Sept.

Stocks Grain Stocks - Jan, Mar, June, Sept.
Value Crop Values -Feb.

Beans, Dry edible

Acreage Prospective Plantings - Mar; Acreage - June;
Crop Production - Aug, Oct, Dec, and Jan annual.
Monthly Marketings Crop Production - Dec;
Agricultural Prices - July annual.
Prices Agricultural Prices - monthly, and July annual;
Crop Values - Feb.
Production Crop Production - Aug, Oct, Dec, and Jan annual.
Value Crop Values - Feb.
By Commercial Class Crop Production - Dec, and Jan annual.

Beans, Snap processing

Vegetables - Jan, Apr, July, Sept, Oct, and Jan annual;
Crop Values - Feb.

Berries

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Values - Feb.

Broccoli

Vegetables - Jan, Apr, July, Oct, and Jan annual;
Agricultural Prices - monthly, and July annual; Crop Values - Feb.

Broilers

Breeder Hatchery - Weekly.

Butter

Plants, number Dairy Products - Apr annual.
Production Dairy Products - monthly, and Apr annual.

Cabbage

Vegetables - Jan, Apr, July, Oct, and Jan annual.

Canola

Acreage Acreage - June; Crop Production - Jan annual.
Prices
Agricultural Prices - Jan, and July annual; Crop Values - Feb.
Production Crop Production - Jan annual.
Stocks Grain Stocks - Jan and June.
Value Crop Values - Feb.

Cantaloup

Vegetables - Apr, July, Oct, and Jan annual.

Carrots

Vegetables - Jan, Apr, July, Oct, and Jan annual;
Agricultural Prices - monthly, and July annual; Crop Values - Feb.

Catfish

Processor data Catfish Processing - monthly.
Grower production Catfish Production - Feb, Apr, July, Oct.

Cattle and Calves

Beef products Cold Storage - monthly.
Calf Crop Cattle - Feb, July; Meat Animals - Apr.
Deaths Meat Animals - Apr.

Index of Estimates

- Farms, (cattle, beef cow & milk cow operations) Cattle - Feb.
By size group Cattle - Feb.
- Feedlots, inventory and marketings, number, by size group
Cattle on Feed - Feb.
- Feed price ratio
Agricultural Prices - monthly, and July annual.
- Feeder prices
Agricultural Prices - Jan, Apr, July, Oct, and July annual.
- Inshipments Meat Animals - Apr.
- Inventory Cattle - Feb, July; Meat Animals - Apr.
By size group Cattle - Feb.
- Marketings
Cattle on Feed - monthly, quarterly; Meat Animals - Apr.
- On Feed Cattle on Feed - monthly, quarterly; Cattle - Feb.
- Placements Cattle on Feed - monthly, quarterly.
- Prices Agricultural Prices - monthly, and July annual;
Meat Animals - Apr.
- Production and gross income Meat Animals - Apr.
- Slaughter (See Slaughter.)
- Value of home consumption, production and sales
Meat Animals - Apr.
- Value of inventory Agricultural Prices - Feb.
- Cauliflower
Vegetables - Jan, Apr, July, Oct, and Jan annual; Crop Values - Feb.
Agricultural Prices - monthly, and July annual.
- Celery
Vegetables - Jan, Apr, July, Oct, and Jan annual; Crop Values - Feb;
Agricultural Prices - monthly, and July annual.
- Cheese, all types
Plants, number Dairy Products - Apr annual.
Production Dairy Products - monthly, and Apr annual.
- Cheese, American
Plants, number Dairy Products - Apr annual.
Production Dairy Products - monthly, and Apr annual.
- Cherries
Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Cherry Production - June; Agricultural Prices - July annual;
Crop Values - Feb; Crop Production - June (Western States).
- Chickens and Broilers
Chicks hatched Chickens and Eggs - monthly;
Hatchery Production - Apr.
- Chicks placed
Broiler Hatchery - weekly; Hatchery Production - Apr.
- Chick prices Agricultural Prices - Apr, and July annual.
- Feed-price ratio Agricultural Prices - monthly, and July annual.
- Inventory Layers and Egg Production - Jan;
Poultry - Production and Value - May.
- Layers
Forced molt Chickens and Eggs - monthly.
Inventory Chickens and Eggs - monthly;
Layers and Egg Production - Jan.
- Poultry products Cold Storage - monthly, and Feb annual.
Prices Agricultural Prices - monthly, and July annual;
Poultry - Production and Value - May.
- Production Poultry - Production and Value - May.
- Pullets less than 20 weeks old Layers and Egg Production - Jan.
- Pullets for Hatchery Supply Flocks Chickens and Eggs - monthly.
- Rate of lay
Chickens and Eggs - monthly; Layers and Egg Production - Jan.
Sales Poultry - Production and Value - May.
- Slaughter Poultry Slaughter - monthly.
- Value of inventory Layers and Egg Production - Jan.
- Citrus
Agricultural Prices - monthly, and July annual; Crop Values - Feb;
Citrus Fruits - Sept; Crop Production - monthly except Aug.
- Coffee
Crop Production - Aug (Rev.), and Jan annual;
Crop Values - Feb; Agricultural Prices - July annual.
- Corn, field
Acreage Prospective Plantings - Mar; Acreage - June;
Crop Production - Aug, Sept, Oct, Nov, and Jan annual.
- Monthly Marketings Crop Production - Dec;
Agricultural Prices - July annual.
- Prices Agricultural Prices - monthly, and July annual;
Crop Values - Feb.
- Production
Crop Production - Aug, Sept, Oct, Nov, and Jan annual.
- Stocks Grain Stocks - Jan, Mar, June, Sept.
- Value Crop Values - Feb.
- Corn, sweet
Fresh market Vegetables - Jan, Apr, July, Oct, and Jan annual.
Prices Agricultural Prices - monthly, and July annual;
Vegetables - Jan annual.
- Processing
Vegetables - Apr, July, Sept, and Jan annual; Crop Values - Feb.
- Cost of Inputs
See Farm Production Expenditures and Prices Paid by Farmers.
- Cotton
Acreage Prospective Plantings - Mar; Acreage - June;
Crop Production - May (Rev.), Aug, Sept, Oct, Nov,
Dec, Jan, and Jan annual.
- Ginnings Cotton Ginnings - Jan, Feb, Mar, Aug, Sept, Oct,
Nov, Dec, and May annual.
- Monthly Marketings
Crop Production - May, Dec; Agricultural Prices - July annual.
- Prices Agricultural Prices - monthly, and July annual;
Crop Values - Feb; Crop Production - May.
- Production Crop Production - May (Rev.), Aug, Sept, Oct,
Nov, Dec, Jan, and Jan annual.
- Value Crop Values - Feb; Crop Production - May (Rev.).
- Cottonseed
Disposition Crop Production - May (Rev.).
Prices Agricultural Prices - monthly, and July annual;
Crop Values - Feb; Crop Production - May (Rev.).
- Production Crop Production - May (Rev.), Aug, Sept, Oct,
Nov, Dec, Jan, and Jan annual.
- Value Crop Values - Feb; Crop Production - May (Rev.).
- Cows, milk
Grain fed daily per cow Milk Production - quarterly.
Value concentrates fed Milk Production - quarterly.
- Inventory Milk Production - monthly; Cattle - Feb, July;
Milk - Production, Disposition, and Income - May.
- By size group Milk Production - Feb; Cattle - Feb.
- Prices Agricultural Prices - Jan, Apr, July, Oct, and July annual;
Cattle - July.

Production Milk Production - monthly;
Milk - Production, Disposition, and Income - May.
Percent by size group Milk Production - Feb; Cattle - Feb.

Cranberries

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Cranberries - Aug; Agricultural Prices - Aug and July annual;
Crop Values - Feb.

Crop Production See individual commodity of interest.

Cucumbers

Fresh Market Vegetables - Apr, July, Oct, and Jan annual.
Agricultural Prices - July annual.
Cucumbers for Pickles Vegetables - Apr, July, and Jan annual.

Dairy Farms (operations) Milk Production - Feb; Cattle - Feb.
By Size Group Milk Production - Feb; Cattle - Feb.

Dairy Products

Farm marketings, income and value
Milk - Production, Disposition, and Income - May.

Dairy Products, frozen

Plants, number Dairy Products - Apr annual.
Production Dairy Products - monthly, and Apr annual.

Dates

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Agricultural Prices - July annual; Crop Values - Feb.

Eggplant

Vegetables - Jan, Apr, Jul, Oct, and Jan annual.
Agricultural Prices - July annual.

Eggs

Egg products Egg Products - monthly;
Cold Storage - monthly, and Feb annual.
Eggs in incubators Broiler Hatchery - weekly;
Hatchery Production - Apr; Chickens and Eggs - monthly;
Turkey Hatchery - monthly.
Feed-price ratio
Agricultural Prices - monthly, and July annual.
Prices Agricultural Prices - monthly, and July annual;
Poultry -Production and Value - Apr.
Processing Egg Products - monthly.
Production Poultry - Production and Value - Apr;
Chickens and Eggs - monthly; Layers and Egg Production - Jan.

Equine Livestock Slaughter - Mar annual.

Escarole/endive

Vegetables - Jan, Apr, July, Oct, and Jan annual.
Agricultural Prices - July annual.

Farms

Beef cow operations Cattle - Feb.
By size group Cattle - Feb.
Cattle operations Cattle - Feb.
By size group Cattle - Feb.
Farm production expenditures
Farm Production Expenditures - July.
Hog operations Hogs and Pigs - Dec.
By size group Hogs and Pigs - Dec.
Milk cow operations Cattle - Feb; Milk Production - Feb.
By size group Milk Production - Feb; Cattle - Feb.
Number and land area Farms and Land in Farms - July.
Sheep operations Sheep and Goats - Jan.

Feed (fed to milk cows)

Quantity and value (Annual) Milk Production - May.

Feeder livestock prices

Agricultural Prices - Jan, Apr, July, Oct, and July annual.

Feed, prices paid

Agricultural Prices - Apr, and July annual.

Feed-price ratios

Agricultural Prices - monthly, and July annual.

Figs

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Agricultural Prices - Feb, and July annual; Crop Values - Feb.

Flaxseed

Acreage Crop Production - Jan annual;

Prospective Plantings - Mar; Acreage - June.

Monthly Marketings Crop Production - Dec;

Agricultural Prices - July annual.

Prices Agricultural Prices - monthly, and July annual;

Crop Values - Feb.

Production Crop Production - Jan annual.

Stocks Grain Stocks - Jan and June.

Value Crop Values - Feb.

Floriculture Crops

Area of production and sales Floriculture Crops - Apr.

Garlic

Vegetables - Jan annual; Agricultural Prices - July annual.

Ginger root

Crop Production - Aug, and Jan annual; Crop Values - Feb.

Goats

Average clip per goat and number clipped Wool and Mohair - Mar.

Inventory and value Sheep and Goats - Jan.

Slaughter Livestock Slaughter - Mar annual.

Grapefruit

Agricultural Prices - monthly, and July annual; Citrus Fruits - Sept;
Crop Production - monthly except Aug; Crop Values - Feb.

Grapes

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Agricultural Prices - Feb, and July annual;
Crop Production - July (for CA), Aug, Oct; Crop Values - Feb.

Grain Storage Facilities

Off-Farm Number and Capacity Grain Stocks - Jan.

On-Farm Capacity Grain Stocks - Jan.

Grazing fees, private Agricultural Prices - July and Dec.

Guava

Noncitrus Fruits and Nuts - Jan Preliminary and July annual;
Crop Values - Feb.

Hatchery

Capacity Hatchery Production - Apr (Published every 2 years)

Prices Agricultural Prices - Apr, and July annual.

Production Broiler Hatchery - weekly;

Hatchery Production - Apr annual; Chickens and Eggs - monthly.

Supply Flocks Chickens and Eggs - monthly.

Hay

Acreage Prospective Plantings - Mar; Acreage - June;

Crop Production - Aug, Oct, and Jan annual.

Monthly Marketings Crop Production - Dec.

Index of Estimates

Prices Agricultural Prices - monthly, and July annual;
Crop Values - Feb.
Production Crop Production - Aug, Oct, and Jan annual.
Stocks Crop Production - Jan, May.
Value Crop Values - Feb.

Hazelnuts

Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Production - Sept, Oct, Nov; Hazelnut Production - Aug;
Agricultural Prices - July annual; Crop Values - Feb.

Hogs and Pigs

Deaths Meat Animals - Apr.

Farms (hog operations) Hogs and Pigs - Dec.

By size groups Hogs and Pigs - Dec.

Farrowings Hogs and Pigs - Mar, June, Sept, Dec.

Feed price ratio

Agricultural Prices - monthly, and July annual.

Feeder prices

Agricultural Prices - Jan, Apr, July, Oct, and July annual.

Inshipments Meat Animals - Apr.

Inventory

Hogs and Pigs - Mar, June, Sept, Dec; Meat Animals - Apr.

By size group Hogs and Pigs - Dec.

Marketings Meat Animals - Apr.

Pig crop Hogs and Pigs - Mar, June, Sept, Dec;

Meat Animals - Apr.

Pork products Cold Storage - monthly.

Prices Agricultural Prices - monthly, and July annual;

Meat Animals - Apr.

Production and gross income Meat Animals - Apr.

Slaughter (See Slaughter.)

Value of home consumption, production, and sales

Meat Animals - Apr.

Value of inventory Agricultural Prices - Feb.

Honey

Number colonies of bees Honey - Feb.

Price and Value Honey - Feb; Agricultural Prices - July annual.

Production, honey Honey - Feb.

Stocks Honey - Feb.

Honeydew melons

Vegetables - Apr, July, Oct, and Jan annual;

Agricultural Prices - monthly, and July annual; Crop Values - Feb.

Hops

Crop Values - Feb; Crop Production - June, Aug, and Jan annual;

Hop Stocks - Mar, Sept; Agricultural Prices - Apr, and July annual.

Input Costs in Production

See Farm Expenditures and Prices Paid by Farmers

Kiwifruit

Noncitrus Fruits and Nuts - Jan preliminary and July annual;

Agricultural Prices - July annual; Crop Values - Feb.

Labor, farm

Farm Labor - Feb, May, Aug, Nov.

Lambs

On feed Sheep - Apr, July, and Nov.

For slaughter Sheep - Apr, July, and Nov.

Lemons

Agricultural Prices - monthly, and July annual;

Crop Production - Jan through July, Sept (Rev.), Oct, Nov, Dec;

Crop Values - Feb; Citrus Fruits - Sept.

Lentils

Acreage Crop Production - Oct, and Jan annual.

Price and Value Crop Values - Feb.

Production Crop Production - Oct, and Jan annual.

Lettuce, head

Agricultural Prices - monthly, and July annual;

Vegetables - Jan, Apr, July, Oct, and Jan annual.

Lettuce, leaf

Vegetables - Jan annual; Agricultural Prices - July annual.

Lettuce, romaine

Vegetables - Jan annual; Agricultural Prices - July annual.

Limes

Crop Values - Feb; Citrus Fruits - Sept;

Agricultural Prices - monthly, and Jan annual.

Livestock

See Cattle and Calves, Cows, Milk, Dairy, Equine, Goats, Hogs and Pigs, Lambs, Sheep, and Slaughter.

Macadamia Nuts

Noncitrus Fruits and Nuts - Jan preliminary and July annual;

Agricultural Prices - July annual; Crop Values - Feb.

Maple syrup

Crop Production - June, and Jan annual; Crop Values - Feb.

Milk

Feed-price ratio Agricultural Prices - monthly, and July annual.

Milkfat test Agricultural Prices - monthly, and July annual.

Plants Dairy Products - Apr annual.

Manufacturing prices

Prices Received by Farmers for Manufacturing Grade Milk in Minnesota and Wisconsin - monthly;

Agricultural Prices - monthly, and July annual;

Milk - Production, Disposition, and Income - May;

Prices Received Minnesota-Wisconsin Manufacturing Grade Milk - June.

Production Milk-Production, Disposition, and Income - May;

Dairy Products - Apr annual; Milk Production - monthly .

Shipments Dairy Products - monthly.

Stocks Dairy Products - monthly.

Supply Milk - Production, Disposition, and Income - May.

Utilization Milk - Production, Disposition, and Income - May.

Milk, used in manufacturing products

Skim Dairy Products - Apr annual.

Whole Dairy Products - Apr annual.

Mink

Pelts produced and value Mink - Jul.

Mohair

Average clip per goat, number clipped, prices, production and value Wool and Mohair - Mar.

Mushrooms

Mushrooms - Aug; Crop Values - Feb.

Mustard Seed

Acreage Acreage - June; Crop Production - Jan annual.

Prices Agricultural Prices - Jan, and July annual; Crop Values - Feb.

Production Crop Production - Jan annual.

Stocks Grain Stocks - Sept.

Value Crop Values - Feb.

Nectarines

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Agricultural Prices - Feb, and July annual; Crop Values - Feb.

Oats

Acreage Prospective Plantings - Mar; Acreage - June; Crop Production - Jul, Aug, and Jan annual; Small Grains Summary - Sept.

Monthly Marketings

Crop Production - Dec; Agricultural Prices - July annual.

Prices Crop Values - Feb.

Agricultural Prices - monthly, and July annual.

Production Crop Production - July, Aug, and Jan annual; Small Grains Summary - Sept.

Stocks Grain Stocks - Jan, Mar, June, Sept.

Value Crop Values - Feb.

Olives

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Agricultural Prices - July annual; Crop Values - Feb.

Onions

Prices Agricultural Prices - monthly, and July annual; Vegetables - Oct, and July annual.

Spring Vegetables - Jan, Apr, Sept, Oct, and July annual.

Summer Vegetables - Apr, July, Sept, Oct, and July annual.

Oranges

Agricultural Prices - monthly, and July annual; Citrus Fruits - Sept; Crop Production - monthly except Aug; Crop Values - Feb.

Papayas

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Crop Production - Jan through Dec (also revisions in May); Agricultural Prices - July annual; Crop Values - Feb.

Peaches

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Agricultural Prices - monthly, and July annual; Crop Production - June, July, and Aug.

Peanuts

Acreage Crop Production - Apr (Rev.), Aug, Sept, Oct, Nov, and Jan annual; Prospective Plantings - Mar; Acreage - June.

Monthly Marketings

Crop Production - Apr, Dec; Agricultural Prices - July annual.

Prices Crop Values - Feb; Crop Production - Apr (Rev.);

Agricultural Prices - monthly, and July annual.

Production Crop Production - Apr (Rev.), Aug, Sept, Oct, Nov, and Jan annual.

Stocks Peanut Stocks and Processing - monthly.

Value Crop Values - Feb; Crop Production - Apr (Rev.).

Pears

Agricultural Prices - monthly, and July annual; Crop Values - Feb; Noncitrus Fruits and Nuts - Jan preliminary and July annual; Crop Production - June (Bartlett), July, Aug, Sept.

Peas, Austrian Winter

Acreage Crop Production - Oct, and Jan annual.

Price and Value Crop Values - Feb.

Production Crop Production - Oct, and Jan annual.

Peas, Dry

Acreage Crop Production - Oct, and Jan annual.

Price and Value Crop Values - Feb.

Production Crop Production - Oct, and Jan annual.

Peas, Green

Processing Vegetables - Apr, July, and Jan annual; Crop Values - Feb.

Peas, Wrinkled Seed

Price and Value Crop Values - Feb.

Production Crop Production - Jan annual.

Pecans

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Crop Production - Sept, Oct, Dec; Agricultural Prices - Jul annual; Crop Values - Feb.

Peppermint Oil

Acreage for Oil Crop Production - Jan annual.

Price and Value Crop Values - Feb.

Production Crop Production - Jan annual.

Peppers, Bell

Vegetables - Jan, Apr, July, Oct, and Jan annual; Agricultural Prices - monthly, and July annual.

Pickle Stocks

Vegetables - Jan annual.

Pineapples

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Agricultural Prices - July annual; Crop Values - Feb.

Pistachios

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Agricultural Prices - July annual.

Plums (Calif.)

Noncitrus Fruits and Nuts - Jan preliminary and July annual; Agricultural Prices - Feb, and July annual; Crop Values - Feb.

Potatoes, All (U.S.)

Acreage

Crop Production - July, Sept (Rev.), Nov, and Jan annual.

Disposition, Utilization, and Value Potatoes - Sept.

Monthly Marketings Potatoes - Sept.

Production Crop Production - Sept (Rev.), Nov, and Jan annual.

Prices Crop Values - Feb; Potatoes - Sept;

Agricultural Prices - monthly and June annual.

Revisions: Agricultural Prices - Jan, Sept.

Potatoes, Fall

Acreage Potato Stocks - Dec;

Crop Production - July, Sept (Rev.), Nov, and Jan annual.

Disposition, Utilization, and Value Potatoes - Sept.

Monthly Marketings Potatoes - Sept.

Prices Potatoes - Sept.

Production Crop Production - Sept (Rev.), Nov, and Jan annual; Potato Stocks - Dec.

Stocks

Potato Stocks - Jan, Feb, Mar, Apr, May, Dec; Potatoes - Sept.

Potatoes, Spring

Acreage Crop Production - Jan (Rev.), Apr, May, and Jan annual.

Disposition, Utilization, and Value Potatoes - Sept.

Prices Potatoes - Sept.

Production

Crop Production - Jan (Rev.), Apr, May, and Jan annual.

Potatoes, Summer

Acreage Acreage - June;

Index of Estimates

- Crop Production - Apr (Rev.), July, Sept, and Jan annual.
Disposition, Utilization, and Value Potatoes - Sept.
Production
Crop Production - Apr (Rev.), July, Sept, and Jan annual.
Prices Potatoes - Sept.
- Potatoes, Winter**
Acreage Crop Production - Jan, Apr, Oct (Rev.), and Jan annual.
Disposition, Utilization, and Value Potatoes - Sept.
Production
Crop Production - Jan, Apr, Oct (Rev.), and Jan annual.
Prices Potatoes - Sept.
- Poultry** See Broilers, Chickens, Eggs, Hatchery, Turkeys.
- Parity Prices** Agricultural Prices - monthly, and specified months.
Selected commodities Agricultural Prices - monthly.
Method of computation Agricultural Prices - Jan, July.
Prices used for computations Agricultural Prices - Jan.
- Prices paid by farmers** Agricultural Prices - Apr, and July annual
Regional prices: Agricultural Prices - July annual.
Historical series: Agricultural Prices - April, and July annual.
- Agricultural Chemicals** Apr.
Farm machinery Apr.
Feeder livestock Jan, Apr, July, Oct, and July annual.
Feed Apr.
Feed-price ratio Monthly.
Fertilizer Apr.
Fuels Apr.
Private lease grazing rate Jul, Dec.
Seeds, field Apr.
Tractors Apr.
- Prices paid, indexes and subcomponent indexes**
Agricultural Prices- specified months and July annual.
Agricultural chemicals Jan, Apr, July, Oct.
Autos and trucks Jan, Apr, July, Oct.
Building, materials Jan, Apr, July, Oct.
Commodities and services Jan, Apr, July, Oct.
Consumer Price Index Quarterly - Bureau of Labor Statistics.
Crop and livestock sectors Jan, Apr, July, Oct.
Farm supplies and repairs Jan, Apr, July, Oct.
Farm and nonfarm origin Jan, Apr, July, Oct.
Farm machinery Jan, Apr, July, Oct.
Farm services Jan, Apr, July, Oct.
Farm wage rates Jan, Apr, July, Oct.
Feed Jan, Apr, July, Oct.
Fertilizer Jan, Apr, July, Oct.
Fuels Jan, Apr, July, Oct.
Historical series Agricultural Prices - July annual
Interest Jan, Apr, July, Oct.
Livestock and poultry Jan, April, July, Oct.
Production Jan, Apr, July, Oct.
Production, interest, taxes, and wages Jan, Apr, July, Oct.
Rent Jan, April, July, Oct.
Seeds Apr.
Taxes Jan.
- Prices received by farmers**
For specific commodity, see individual crop or livestock item.
- Prices received, indexes**
Agricultural Prices - monthly, and July annual.
Historical series, Agricultural Prices - Jan, and July annual.
- Prices used to establish deficiency payments**
- Barley, 5-month average Agricultural Prices - Nov.
Corn, 5-month average Agricultural Prices - Feb.
Cotton (Upland), 12-month average Agricultural Prices - Jan.
Oats, 5-month average Agricultural Prices - Nov.
Rice, 5-month average Agricultural Prices - Jan.
Sorghum, 5-month average Agricultural Prices - Feb.
Wheat, 5-month average Agricultural Prices - Nov.
Barley, 12-month average Agricultural Prices - June.
Corn, 12-month average Agricultural Prices - Sept.
Oats, 12-month average Agricultural Prices - June.
Wheat, 12-month average Agricultural Prices - June.
- Prunes (Calif.)**
Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Production - June (Revisions);
Agricultural Prices - Feb, and July annual.
- Prunes and Plums**
Noncitrus Fruits and Nuts - Jan preliminary and July annual;
Crop Production - Aug; Agricultural Prices - Feb, and July annual;
Crop Values - Feb.
- Rapeseed**
Acreage Acreage - June; Crop Production - Jan annual.
Prices Crop Values - Feb;
Agricultural Prices - Jan, and July annual.
Production Crop Production - Jan annual.
Stocks Grain Stocks - Jan and June.
Value Crop Values - Feb.
- Rice**
Acreage Prospective Plantings - Mar; Acreage - June;
Crop Production - Aug, Sept, Oct, Nov, and Jan annual.
By Class Prospective Plantings - Mar; Acreage - June;
Crop Production - Aug, Sept, Oct, Nov (U.S.), and Jan annual.
Monthly Marketings Agricultural Prices - July annual.
Prices Agricultural Prices - monthly, and July annual;
Crop Values - Feb.
Production
Crop Production - Aug, Sept, Oct, Nov, and Jan annual.
Stocks Rice Stocks - Jan, Mar, Aug, and Oct (CA only).
Value Crop Values - Feb.
- Rye**
Acreage Winter Wheat and Rye Seedlings - Jan;
Acreage -June; Crop Production - Jan annual;
Small Grains Summary - Sept.
Prices Crop Values - Feb; Agricultural Prices - Apr.
Production Crop Production - Jan annual;
Small Grains Summary -Sept.
Stocks Grain Stocks - Jan and June.
Value Crop Values - Feb.
- Safflower**
Acreage Acreage - June; Crop Production - Jan annual.
Prices Agricultural Prices - Jan, and July annual;
Crop Values - Feb.
Production Crop Production - Jan annual.
Stocks Grain Stocks - Jan and Sept.
Value Crop Values - Feb.
- Sheep and Lambs**
Deaths Meat Animals - Apr.
Farms (sheep operations) Sheep and Goats - Jan.
Inshipments Meat Animals - Apr.

- Inventory** Sheep and Goats - Jan; Sheep - July;
Meat Animals - Apr.
- Lamb and mutton products** Cold Storage - monthly.
- Lamb crop** Sheep and Goats - Jan; Sheep - July.
- Marketings** Meat Animals - Apr.
- On feed** Sheep - Apr, July, Nov.
- Prices** Agricultural Prices - monthly, and July annual;
Meat Animals - Apr.
- Production and gross income** Meat Animals - Apr.
- Shorn, number** Wool and Mohair - Mar.
- Slaughter** (See Slaughter).
- Value of home consumption, production, and sales**
Meat Animals - Apr.
- Value of inventory** Agricultural Prices - Feb.
- Slaughter**
- Commercial** Livestock Slaughter - monthly, and Mar annual.
- Federal inspection**
- Livestock Slaughter - monthly, and Mar annual.
- Plants, number** Livestock Slaughter - Mar annual.
- Poultry** Poultry Slaughter - monthly.
- Red meat production**
- Livestock Slaughter - monthly, and Mar annual.
- Sorghum**
- Acreage** Prospective Plantings - Mar; Acreage - June;
Crop Production - Aug, Sept, Oct, Nov, and Jan annual.
- Monthly Marketings**
- Crop Production - Dec; Agricultural Prices - July annual.
- Prices** Agricultural Prices - monthly, and July annual;
Crop Values - Feb.
- Production**
- Crop Production - Aug, Sept, Oct, Nov, and Jan annual.
- Stocks** Grain Stocks - Jan, Mar, June, Sept.
- Value** Crop Values - Feb.
- Soybeans**
- Acreage** Prospective Plantings - Mar; Acreage - June;
Crop Production - Aug, Sept, Oct (includes Rev. for Prev.
Year), Nov, and Jan annual.
- Monthly Marketings** Crop Production - Dec;
Agricultural Prices - July annual.
- Prices** Agricultural Prices - monthly, and July annual;
Crop Values - Feb.
- Production** Crop Production - Aug, Sept, Oct (includes Rev.
for Prev. Year), Nov, and Jan annual.
- Stocks** Grain Stocks - Jan, Mar, June, Sept.
- Value** Crop Values - Feb.
- Spearmint Oil**
- Acreage for Oil** Crop Production - Jan annual.
- Price and Value** Crop Values - Feb.
- Production** Crop Production - Jan annual.
- Spinach**
- Fresh market** Vegetables - Jan, and Jan annual;
Agricultural Prices - July annual.
- Processing** Vegetables - Jan annual.
- Statistics, agricultural** Agricultural Statistics - annually.
- Storage, Cold** Cold Storage - monthly.
- Capacity** Capacity of Refrigerated Warehouses - Feb.(bi-yearly).
- Regional** Cold Storage - Feb annual.
- Strawberries**
- Vegetables** - Apr, July, Sept, and Jan annual; Crop Values - Feb;
Agricultural Prices - monthly, and July annual.
- Sugarbeets**
- Acreage** Prospective Plantings - Mar; Acreage - June;
Crop Production - June (Rev.), Aug, Sept, Oct, Nov, and Jan
annual.
- Prices** Crop Values - Feb; Agricultural Prices - July;
Crop Production - June (Rev.).
- Production** Crop Production - June (Rev.), Aug, Sept, Oct,
Nov, and Jan annual.
- Sugarcane**
- Acreage** Acreage - June;
Crop Production - June (Rev.), Aug, Sept, Oct, Nov, Dec, and
Jan annual.
- Prices** Crop Values - Feb; Agricultural Prices - July;
Crop Production - June (Rev.).
- Production** Crop Production - June (Rev.), Aug, Sept, Oct,
Nov, Dec, and Jan annual.
- Sunflower**
- Acreage** Prospective Plantings - Mar; Acreage - June;
Crop Production - Oct (includes Rev. for Prev. Year), and Jan
annual.
- Monthly Marketings**
- Crop Production - Dec; Agricultural Prices - July annual.
- Prices** Crop Values - Feb;
Agricultural Prices - monthly, and July annual;
- Production** Crop Production - Oct (includes Rev. for
Prev. Year), and Jan annual.
- Stocks** Grain Stocks - Jan, Sept.
- Value** Crop Values - Feb.
- Support programs, USDA dairy**
- Dairy Products - monthly.
- Sweetpotatoes**
- Acreage** Prospective Plantings - Mar;
Crop Production - June (Rev.), July, and Jan annual.
- Prices** Agricultural Prices - monthly, and July annual;
Crop Values - Feb; Revisions: Agricultural Prices - Jan, Sept.
- Production** Crop Production - June (Rev.), and Jan annual.
- Tangelos**
- Agricultural Prices - monthly, and July annual;
Crop Production - Jan, Feb, Mar, Apr, May, June, July, Sept
(Rev.), Oct, Nov, Dec; Crop Values - Feb; Citrus Fruits - Sept.
- Tangerines**
- Agricultural Prices - monthly, and July annual;
Crop Production - Jan, Feb, Mar, Apr, May, June, July, Sept
(Rev.), Oct, Nov, Dec; Crop Values - Feb; Citrus Fruits - Sept.
- Taro**
- Crop Values - Feb; Crop Production - May (Rev.), and Jan annual.
- Temples**
- Agricultural Prices - monthly, and July annual; Citrus Fruits - Sept;
Crop Values - Feb; Crop Production - Jan, Feb, Mar, Apr, May,
June, July, Sept (Rev.), Oct, Nov, Dec.
- Tobacco**
- Acreage** Prospective Plantings - Mar; Acreage - June;
Crop Production - May (Rev.), July, Aug, Sept, Oct, Nov,
Dec (for Burley), and Jan annual.
- Prices** Agricultural Prices - monthly, and July annual;
Crop Values - Feb; Crop Production - May (Rev.).

Index of Estimates

Production Crop Production - May (Rev.), July (for Flue-cured), Aug (Type 32 Rev.), Sept, Oct, Nov, Dec (for Burley), and Jan annual.

Value Crop Values - Feb; Crop Production - May (Rev.).

Monthly Marketings Crop Production - May.

Tomatoes

Fresh market Vegetables - Jan, Apr, July, Oct, and Jan annual.

Prices Agricultural Prices - monthly, and July annual;

Vegetables - Dec, and Jan annual.

Processing Vegetables - Apr, July, Sept, Oct, and Jan annual.

Trout

Production Trout Production - Sept.

Turkeys

Feed-price ratio Agricultural Prices - monthly, and July annual.

Poults placed Turkey Hatchery - monthly;

Hatchery Production - Apr.

Poult prices Agricultural Prices - Apr, and July annual.

Prices and value Poultry - Production and Value - May; Agricultural Prices - monthly, and July annual.

Production Poultry - Production and Value - May.

Raised, number Turkeys - Jan, Aug;

Poultry - Production and Value - Apr.

Slaughter Poultry Slaughter - monthly.

Turkey products Cold Storage - monthly, and Feb annual.

Vegetables See individual commodity of interest.

Fresh market

Prices Agricultural Prices - monthly, and July annual;

Vegetables - Jan annual.

Wage Rates Farm Labor - Feb, May, Aug, Nov.

Walnuts

Noncitrus Fruits and Nuts - Jan preliminary and July annual;

Agricultural Prices - July annual; Crop Production - July, Sept;

Walnut Production - Aug; Crop Values - Feb.

Watermelon

Vegetables - Apr, July, and Jan annual.

Agricultural Prices - July annual.

Wheat, All

Acreage

Prospective Plantings - Mar; Acreage - June;

Crop Production - July, Aug, Sept, and Jan annual;

Small Grains Summary - Sept.

Monthly Marketings

Crop Production - Dec; Agricultural Prices - July annual.

Prices Crop Values - Feb.

Agricultural Prices - monthly, and July annual;

Production Small Grains Summary - Sept.

Crop Production - July, Aug, Sept, and Jan annual;

By Class Small Grains Summary - Sept.

Crop Production - July, Aug, Sept, and Jan annual;

Stocks Grain Stocks - Jan, Mar, June, Sept.

Value Crop Values - Feb.

Wheat, Durum

Acreage Winter Wheat and Rye Seedings (AZ, CA only) - Jan;

Prospective Plantings - Mar; Acreage - June;

Crop Production - May (AZ, CA), June (AZ, CA) July, Aug, Sept, and Jan annual; Small Grains Summary - Sept.

Prices Crop Values - Feb;

Agricultural Prices - monthly, and July annual.

Production Small Grains Summary - Sept;

Crop Production - May (AZ, CA), June (AZ, CA), July, Aug, Sept, and Jan annual.

Stocks Grain Stocks - Jan, Mar, June, Sept.

Value Crop Values - Feb.

Wheat, Spring (other than durum)

Acreage Prospective Plantings - Mar; Acreage - June;

Crop Production - Jul, Aug, Sept, and Jan annual; Small Grains Summary - Sept.

Prices Agricultural Prices - monthly, and July annual; Crop Values - Feb.

Production Crop Production - July, Aug, Sept, and Jan annual; Small Grains Summary - Sept.

By Class Crop Production - Aug, Sept, and Jan annual; Small Grains Summary - Sept.

Value Crop Values - Feb.

Wheat, Winter

Acreage Small Grains Summary - Sept; Acreage - June; Prospective Plantings - Mar;

Winter Wheat and Rye Seedings - Jan;

Crop Production - May, June, July, Aug, and Jan annual.

Prices Agricultural Prices - monthly, and July annual; Crop Values - Feb.

Production Small Grains Summary - Sept;

Crop Production - May, June, July, Aug, and Jan annual.

By Class Small Grains Summary - Sept;

Crop Production - May, June, July, Aug, and Jan annual.

Value Crop Values - Feb.

Whey Products

Plants, number Dairy Products - Apr annual.

Production Dairy Products - monthly, and Apr annual.

Stocks Dairy Products - monthly.

Prices Dairy Products - monthly.

Wool

Sheep shorn, and production Wool and Mohair - Mar.

Prices Agricultural Prices - July annual; Wool and Mohair - Mar.

Value Wool and Mohair - Mar.

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